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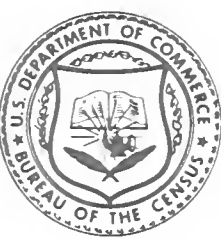
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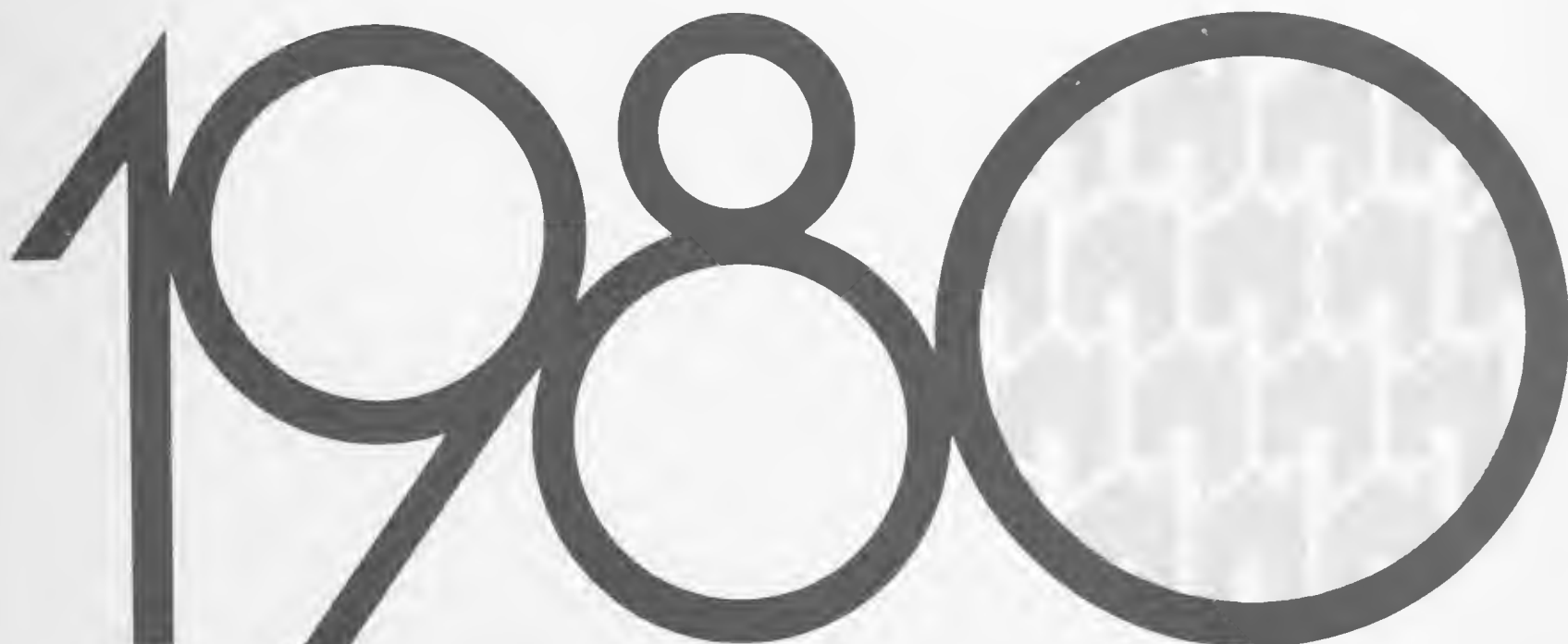
# Metropolitan Housing Characteristics

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**BRISTOL, CONN.**

STANDARD METROPOLITAN STATISTICAL AREA

1980



**Census of  
Housing**

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**HOUSING DIVISION**  
**Arthur F. Young, Chief**

## Acknowledgments

Many persons participated in the diverse activities of the 1980 census. These acknowledgments generally reflect staff during the post-census data publication process. The Bureau was guided by Director, **Bruce Chapman** and Deputy Director, **C. L. Kincannon**. Primary direction of the data publication program was performed by **William P. Butz**, Associate Director for Demographic Fields, assisted by **Peter A. Bounpane**, Assistant Director for Demographic Census, in conjunction with **Barbara A. Bailar**, Associate Director for Statistical Standards and Methodology, **Howard N. Hamilton**, Acting Associate Director for Information Technology, **James D. Lincoln**, then Associate Director for Administration, and **Stanley D. Moore**, Associate Director for Field Operations. The Director's staff was assisted by **Sherry L. Courtland**. Direction of the census enumeration and early processing activities was provided by **Vincent P. Barabba**, former Director; **Daniel B. Levine**, former Deputy Director; and **George E. Hall**, former Associate Director.

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4	Arizona	44	Tennessee	80	Austin, Tex.	117	Charlottesville, Va.
5	Arkansas	45	Texas	81	Bakersfield, Calif.	118	Chattanooga, Tenn.-Ga.
6	California	46	Utah	82	Baltimore, Md.	119	Chicago, Ill.
7	Colorado	47	Vermont	83	Bangor, Maine	120	Chico, Calif.
8	Connecticut	48	Virginia	84	Baton Rouge, La.	121	Cincinnati, Ohio-Ky.-Ind.
9	Delaware	49	Washington	85	Battle Creek, Mich.	122	Clarksville-Hopkinsville, Tenn.-Ky.
10	Not assigned	50	West Virginia	86	Bay City, Mich.	123	Cleveland, Ohio
11	Florida	51	Wisconsin	87	Beaumont-Port Arthur-Orange, Tex.	124	Colorado Springs, Colo.
12	Georgia	52	Wyoming	88	Bellingham, Wash.	125	Columbia, Mo.
13	Hawaii	53	Puerto Rico	89	Benton Harbor, Mich.	126	Columbia, S.C.
14	Idaho	54	Not assigned	90	Billings, Mont.	127	Columbus, Ga.-Ala.
15	Illinois	55	Not assigned	91	Biloxi-Gulfport, Miss.	128	Columbus, Ohio
16	Indiana	56	Not assigned	92	Binghamton, N.Y.-Pa.	129	Corpus Christi, Tex.
17	Iowa	57	Not assigned	93	Birmingham, Ala.	130	Cumberland, Md.-W. Va.
18	Kansas	58	Abilene, Tex.	94	Bismarck, N. Dak.	131	Dallas-Fort Worth, Tex.
19	Kentucky	59	Akron, Ohio	95	Bloomington, Ind.	132	Danbury, Conn.
20	Louisiana	60	Albany, Ga.	96	Bloomington-Normal, Ill.	133	Danville, Va.
21	Maine	61	Albany-Schenectady-Troy, N.Y.	97	Boise City, Idaho	134	Davenport-Rock Island-Moline, Iowa-Ill.
22	Maryland	62	Albuquerque, N. Mex.	98	Boston, Mass.	135	Dayton, Ohio
23	Massachusetts	63	Alexandria, La.	99	Bradenton, Fla.	136	Daytona Beach, Fla.
24	Michigan	64	Allentown-Bethlehem-Easton, Pa.-N.J.	100	Bremerton, Wash.	137	Decatur, Ill.
25	Minnesota	65	Altoona, Pa.	101	Bridgeport, Conn.	138	Denver-Boulder, Colo.
26	Mississippi	66	Amarillo, Tex.	102	Bristol, Conn.	139	Des Moines, Iowa
27	Missouri	67	Anaheim-Santa Ana-Garden Grove, Calif.	103	Brockton, Mass.	140	Detroit, Mich.
28	Montana	68	Anchorage, Alaska	104	Brownsville-Harlingen-San Benito, Tex.	141	Dubuque, Iowa
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36	North Dakota	76	Athens, Ga.	112	Cedar Rapids, Iowa		
37	Ohio			113	Champaign-Urbana-Rantoul, Ill.		
38	Oklahoma						
39	Oregon						
40	Pennsylvania						

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149	Eugene-Springfield, Oreg.	188	Iowa City, Iowa	228	Lowell, Mass.-N.H.		
150	Evansville, Ind.-Ky.	189	Jackson, Mich.	229	Lubbock, Tex.		
		190	Jackson, Miss.	230	Lynchburg, Va.	266	Northeast Pennsylvania
151	Fall River, Mass.-R.I.					267	Norwalk, Conn.
152	Fargo-Moorhead, N. Dak.- Minn.	191	Jacksonville, Fla.	231	Macon, Ga.	268	Ocala, Fla.
		192	Jacksonville, N.C.	232	Madison, Wis.	269	Odessa, Tex.
153	Fayetteville, N.C.	193	Janesville-Beloit, Wis.	233	Manchester, N.H.	270	Oklahoma City, Okla.
154	Fayetteville-Springdale, Ark.	194	Jersey City, N.J.	234	Mansfield, Ohio		
155	Fitchburg-Leominster, Mass.	195	Johnson City-Kingsport- Bristol, Tenn.-Va.	235	Mayagüez, P.R.	271	Olympia, Wash.
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158	Florence, S.C.	198	Kalamazoo-Portage, Mich.			275	Oxnard-Simi Valley- Ventura, Calif.
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170	Glens Falls, N.Y.			249	Muncie, Ind.	286	Pittsburgh, Pa.
		211	Lansing-East Lansing, Mich.	250	Muskegon-Norton Shores- Muskegon Heights, Mich.	287	Pittsfield, Mass.
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173	Great Falls, Mont.	214	Las Vegas, Nev.	252	Nashville-Davidson, Tenn.	290	Portland, Oreg.-Wash.
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177	Greenville-Spartanburg, S.C.	218	Lewiston-Auburn, Maine	256	New Brunswick-Perth Amboy-Sayreville, N.J.	294	Provo-Orem, Utah
178	Hagerstown, Md.	219	Lexington-Fayette, Ky.	257	New Haven-West Haven, Conn.	295	Pueblo, Colo.
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182	Hickory, N.C.	223	Long Branch-Asbury Park, N.J.			299	Redding, Calif.
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184	Houston, Tex.	224	Longview-Marshall, Tex.	262	Newark, Ohio		
185	Huntington-Ashland, W. Va.-Ky.-Ohio	225	Lorain-Elyria, Ohio	263	Newburgh-Middletown, N.Y.	301	Richland-Kennewick- Pasco, Wash.
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186	Huntsville, Ala.	226	Los Angeles-Long Beach, Calif.			303	Riverside-San Bernardino- Ontario, Calif.

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305	Rochester, Minn.	324	Santa Barbara-Santa Maria-Lompoc, Calif.	344	Steubenville-Weirton, Ohio-W. Va.	363	Visalia-Tulare-Porterville, Calif.
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310	Saginaw, Mich.	329	Seattle-Everett, Wash.	349	Tampa-St. Petersburg, Fla.	368	Wausau, Wis.
311	St. Cloud, Minn.	330	Sharon, Pa.	350	Terre Haute, Ind.	369	West Palm Beach-Boca Raton, Fla.
312	St. Joseph, Mo.	331	Sheboygan, Wis.	351	Texarkana, Tex.-Texarkana, Ark.	370	Wheeling, W. Va.-Ohio
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314	Salem, Oreg.	333	Shreveport, La.	353	Topeka, Kans.	372	Wichita Falls, Tex.
315	Salinas-Seaside-Monterey, Calif.	334	Sioux City, Iowa-Nebr.	354	Trenton, N.J.	373	Williamsport, Pa.
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317	Salt Lake City-Ogden, Utah	337	Spokane, Wash.	356	Tulsa, Okla.	376	Worcester, Mass.
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				360	Vallejo-Fairfield-Napa, Calif.	380	Yuba City, Calif.
321	San Francisco-Oakland, Calif.	341	Springfield-Chicopee-Holyoke, Mass.-Conn.				
322	San Jose, Calif.	342	Stamford, Conn.	361	Victoria, Tex.		





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## Introduction

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### GENERAL

This report is part of the *Metropolitan Housing Characteristics* series and presents cross-tabulations of sample data on housing and household characteristics from the 1980 Census of Population and Housing. Legal provision for this census, which was conducted as of April 1, 1980, was made in the Act of Congress of August 31, 1954 (amended August 1957, December 1975, and October 1976), which codified Title 13, United States Code.

The content and procedures of the 1980 census were determined after evaluation of the results of the 1970 census, consultation with a wide variety of users of census data, and extensive field testing. A number of changes were introduced in 1980 to improve the usefulness of the census results. The changes do not, however, affect to any appreciable extent the comparability between the 1980 data and the 1970 data. Further information on comparability appears in Appendix B, "Definitions and Explanations of Subject Characteristics."

More detailed information on the technical and procedural matters covered in the text of this report can be obtained by writing to the Director, Bureau of the Census, Washington, D.C. 20233. Such information will also appear in other publications of the 1980 census.

The *Metropolitan Housing Characteristics* series consists of a United States

Summary report and individual reports for each of the 50 States, Puerto Rico, and each of the standard metropolitan statistical areas (SMSA's) in the United States and Puerto Rico. The abbreviated identification for this report is HC80-2 (i.e., Housing Census, 1980, Volume 2) followed by a number representing the State or SMSA.

In the SMSA reports, data are published for the following levels of geography: the SMSA, each central city, and each place of 50,000 or more population. In the State reports, data are shown for the State, that part of the State inside SMSA's, and inside central cities. In the United States Summary report, data are published for the United States total, inside SMSA's, and inside central cities, and for the four census regions, the region total, inside SMSA's, and inside central cities.

### CONTENTS OF THE REPORT

This report contains text (this introduction and six appendixes), a table of contents, one or more maps, and a series of detailed tables. The detailed tables are organized to provide a set of 68 tables for each geographic area (State, SMSA, central city, etc.) covered in the report. As shown in the "Index of Tables" on page IX, the set of tables for each geographic area is identified with a unique letter (A, B, C, etc.) prefix in the table number. In the SMSA reports, the SMSA is presented first, followed by the sets of tables for the central cities and places, all in alphabetical order.

For each particular area, the 68 tables consist of: 13 tables for the area in its entirety, 44 tables for occupied housing units classified by the racial group of the householder, and 11 tables for occupied housing units with householders of Spanish origin. More specifically, tables

1 to 13 are for the entire State, SMSA, central city, or place; tables 14 to 24 are for housing units with a White householder; tables 25 to 35 are for units with a Black householder; tables 36 to 46 are for units with an American Indian, Eskimo, or Aleut householder; tables 47 to 57 are for units with an Asian or Pacific Islander householder; and tables 58 to 68 are for units with a Spanish origin householder.

The race and Spanish origin tables are presented for SMSA's and places only when certain population-size criteria are met. Tables 25 to 35 (Black); 36 to 46 (American Indian, Eskimo, and Aleut); and 47 to 57 (Asian and Pacific Islander) are presented only when the particular area's population contains 10,000 or more persons of the given racial group or when the persons in the given racial groups constitute 10 percent or more of the total population of the particular area. If any of these 3 sets of tables qualify to appear for an area, tables 14 to 24 (White) are also presented. The Spanish origin tables (58 to 68) are shown if there are 10,000 or more Spanish origin persons in the particular area or if such persons constitute 10 percent or more of the total population of the particular area.

Appearing last in the report are the appendixes. Appendix A describes the various area classifications (e.g., standard metropolitan statistical area, census designated place). Appendix B provides definitions and explanations for the subjects covered in this report. Appendix C briefly explains the residence rules used in counting the population and describes the data collection and processing procedures. Appendix D presents information on the sources of error in the data and on editing procedures. Appendix E contains facsimiles of the 1980 census questionnaire pages and respondent instructions. Appendix F summarizes the data dissemination program of the 1980 census.

### DERIVED FIGURES (Means, Medians, and Percents)

This report presents means, medians, and percents, as well as certain rates and ratios. The median—a type of average—is the middle value in a distribution; i.e., the median divides the distribution into two equal parts: one-half of the cases are below the median and one-half of the cases are above the median. Percents and other derived measures which round to less than 0.1 are not shown but are indicated as zero (i.e., “—”).

Medians for rooms are rounded to the nearest tenth; for age, to the nearest year; for persons, to the nearest hundredth; for value, to the nearest hundred dollars; and for income, selected monthly owner costs, contract and gross rent, to the nearest dollar. In computing medians for rooms and persons per housing unit, the whole number is used as the midpoint of the interval so that, for example, the category “3 rooms” is treated as an interval ranging from 2.5 to 3.5 rooms. In computing median rent, units reported as “no cash rent” are excluded. The median is computed on the basis of the distribution as tabulated, which is sometimes more detailed than the distribution shown in this report. For example, median age is based on a distribution of five year intervals from 15 to 85 years. When the median falls in the lower terminal category of an open-ended distribution, the method of presentation is to show the initial value of the next category followed by a minus sign; thus, for example, if the median falls in the category “Less than \$10,000,” it is shown as “\$10,000—.” When the median falls in the upper terminal category of an open-

ended distribution, the initial value of the terminal category is given followed by a plus sign; thus, for example, if the median falls in the category “\$150,000 or more,” it is shown as “\$150,000+.”

### SYMBOLS AND GEOGRAPHIC ABBREVIATIONS

The following symbols and geographic abbreviations are used in the tables:

- A dash “—” represents zero or a percent which rounds to less than 0.1.
- Three dots “. . .” mean not applicable, or that the data are being withheld to avoid disclosure of information for individual housing units. (For further information on disclosure, see the section below on “Suppression of Data for Confidentiality.”)
- CDP is census designated place.
- SMSA is standard metropolitan statistical area.

### SUPPRESSION OF DATA FOR CONFIDENTIALITY

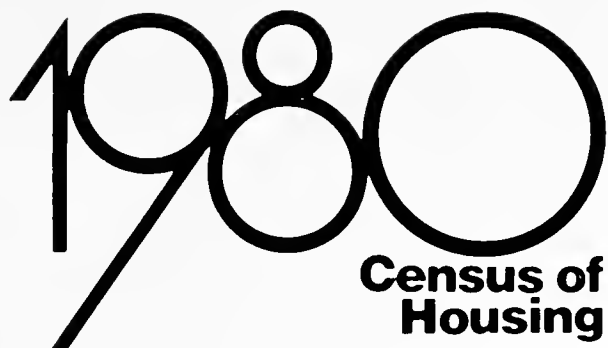
To maintain the confidentiality promised respondents and required by law, the Census Bureau takes precautions that its published data do not disclose information about specific individuals and housing units. To accomplish this, the Bureau suppresses data for characteristics which are based on a small number of persons and/or housing units in the geographic area. Under certain conditions, both primary and complementary suppression, as defined below, may take place.

The general rules of primary suppression of sample data are as follows: esti-

mates of total population by race and Spanish origin are never suppressed; other characteristics for persons are shown only if there are 30 or more persons in the geographic area; estimates of total housing units, vacant housing units, year-round housing units, and occupied housing units are never suppressed; characteristics of year-round housing units which are not classified by occupancy status are shown only when there are 10 or more year-round housing units in the geographic area; characteristics of families, households, or occupied housing units are shown only if there are at least 10 occupied housing units within the geographic area; and distributions of data for owners or renters are shown only where the number of owners is at least 10 and the number of renters is also at least 10. These primary suppression criteria are applied independently of one another. The comparable figures for complete count (100-percent) data are 15 or more persons and 5 or more housing units of the specified type.

Population and occupied housing unit characteristics cross-classified by race or Spanish origin (of the householder in the case of occupied housing units) are subject to an additional level of examination. This requires that the 30 person or 10 housing unit criterion stated above be applied individually to each race or Spanish origin category.

Finally, complementary suppression is applied to prevent the derivation of primary suppressed data by subtraction. For example, housing unit data shown by tenure may require complementary suppression when the number of owner-occupied or renter-occupied housing units is less than 10.



# Metropolitan Housing Characteristics

## BRISTOL, CONN.

STANDARD METROPOLITAN STATISTICAL AREA

HC80-2-102

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#### Arrangement of Tables

This report presents a set of tables for the SMSA, each central city, and each place of 50,000 inhabitants or more. The report is organized to provide a set of 68 tables for each geographic area. There are 11 tables showing data for all households in the area, 2 tables showing data for vacant units, 11 tables for householders of each of four separate race groups, and 11 tables for householders of Spanish origin. The race/Spanish origin tables are, however, shown only when certain population criteria are met. See page VII of the Introduction for further information. To assist the reader in using this report, the listings are presented as follows:

	Page
<b>Index of Tables</b> —shows the pages on which the tables for each geographic area appear and the pages on which data for the various race/Spanish origin householders appear . . . . .	IX
<b>List of Tables</b> —shows the table numbers and titles for each of the 68 tables . . . . .	X
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Tables for the total SMSA have the prefix letter "A"; tables for central cities and places of 50,000 inhabitants or more, in alphabetical order, have the prefix letter "B," "C," etc.

Area	Prefix letter	Tables 1-13	Tables 14-24	Tables 25-35	Tables 36-46	Tables 47-57	Tables 58-68
		Total	White	Black	American Indian, Eskimo, and Aleut	Asian and Pacific Islander	Spanish Origin
		Pages	Pages	Pages	Pages	Pages	Pages
SMSA total . . . . .	A	1 to 12	—	—	—	—	—
Bristol . . . . .	B	13 to 24	—	—	—	—	—

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(Tables 14 to 24 for the White population are shown if any of the other three racial groups in the area qualify; tables 25 to 35 are shown if an area has 10,000 or more or 10 percent Black population; tables 36 to 46 are shown if an area has 10,000 or more or 10 percent American Indian, Eskimo, and Aleut population; tables 47 to 57 are shown if an area has 10,000 or more or 10 percent Asian and Pacific Islander population; and tables 58 to 68 are shown if an area has 10,000 or more or 10 percent Spanish origin population)

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# Table Finding Guide— Cross-Classification of Subjects by Table Number

Subject	Value	Gross rent	Income and poverty status in 1979 of owner-occupied housing units	Income and poverty status in 1979 of renter-occupied housing units	Selected monthly owner costs for mortgaged housing units	Selected monthly owner costs for not mortgaged housing units
<b>OCCUPANCY CHARACTERISTICS</b>						
Condominium . . . . .	—	—	—	—	—	—
Year moved into unit . . . . .	1	2	3	4	5	6
<b>UTILIZATION CHARACTERISTICS</b>						
Rooms . . . . .	1	2	—	—	5	6
Persons in unit . . . . .	—	—	—	—	5	6
Bedrooms . . . . .	1	2	—	—	—	—
Median rooms . . . . .	1	2	3	4	5	6
<b>STRUCTURAL CHARACTERISTICS</b>						
Units in structure . . . . .	—	2	—	—	—	—
Year structure built . . . . .	1	2	—	—	5	6
Stories in structure . . . . .	—	2	—	—	—	—
<b>PLUMBING CHARACTERISTICS</b>						
Plumbing facilities . . . . .	1	2	3	4	—	—
<b>EQUIPMENT AND FUELS</b>						
Heating equipment . . . . .	1	2	3	4	5	6
Air conditioning . . . . .	1	2	3	4	5	6
Vehicles available . . . . .	—	—	3	4	—	—
House heating fuel . . . . .	—	—	3	4	5	6
Water heating fuel . . . . .	—	—	—	—	—	—
<b>FINANCIAL CHARACTERISTICS</b>						
Value . . . . .	—	—	—	—	5	6
Price asked . . . . .	—	—	—	—	—	—
Mortgage status and selected monthly owner costs . . . . .	—	—	3	—	—	—
Selected monthly owner costs as percentage of household income . . . . .	—	—	—	—	5	6
Contract rent . . . . .	—	—	—	4	—	—
Gross rent . . . . .	—	—	—	4	—	—
Rent asked . . . . .	—	—	—	—	—	—
Gross rent as percentage of household income . . . . .	—	2	—	4	—	—
Mortgage status and selected monthly owner costs as percentage of household income . . . . .	1	—	3	—	—	—
<b>HOUSEHOLD CHARACTERISTICS</b>						
Household type by age of householder . . . . .	1	2	3	4	5	6
Income . . . . .	1	—	—	—	—	—
Income below poverty level . . . . .	1	2	—	—	—	—

The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the Introduction on page VII.

White . . . . .	14	15	16	17	18	19
Black . . . . .	25	26	27	28	29	30
American Indian, Eskimo, and Aleut . . . . .	36	37	38	39	40	41
Asian and Pacific Islander . . . . .	47	48	49	50	51	52
Spanish origin . . . . .	58	59	60	61	62	63

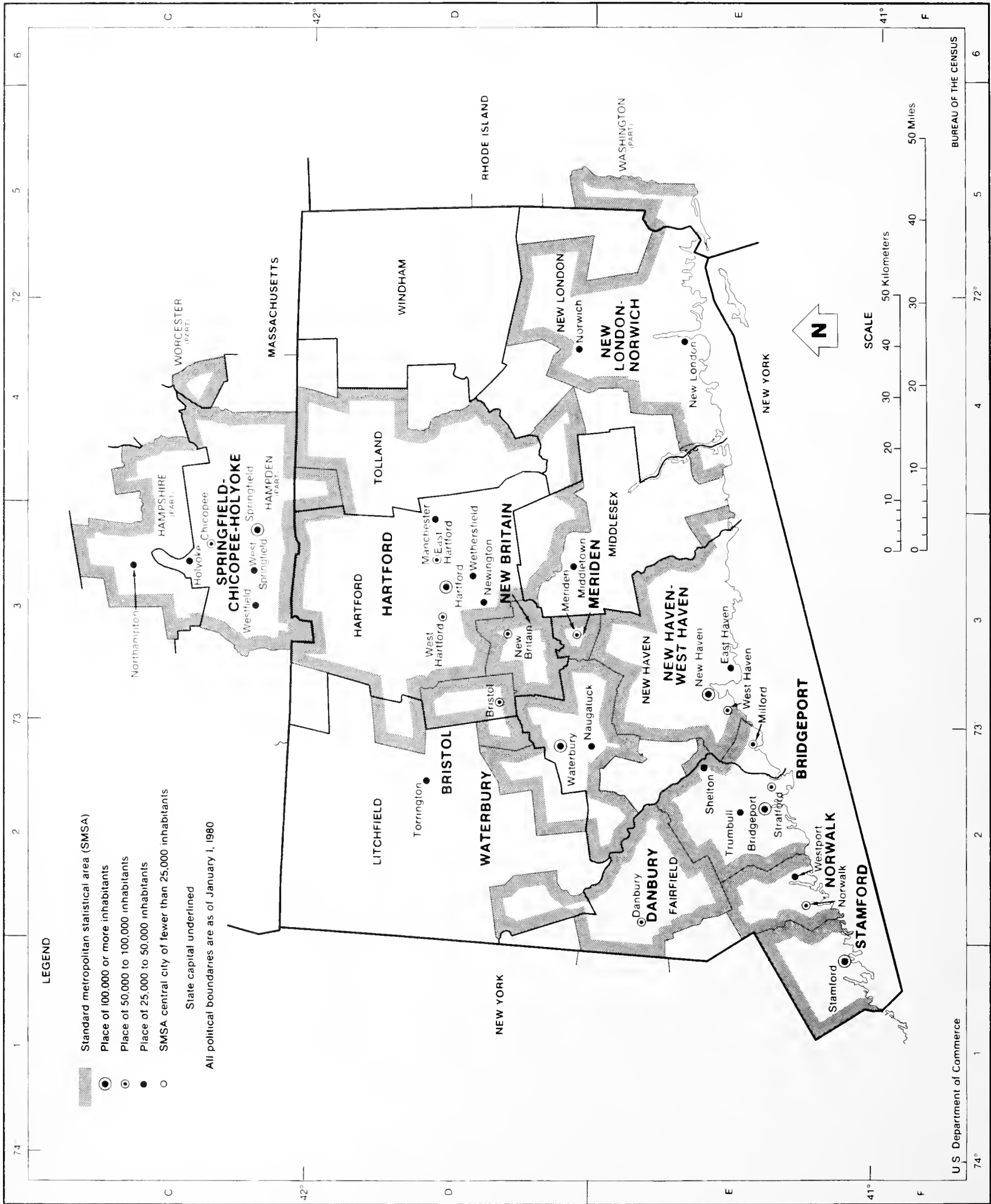
**Table Finding Guide—Cross-Classification of Subjects by Table Number**

Subject	Year structure built	Units in structure	Size of household (persons)	Household composition by age of householder	Age and sex of householder in one-person households	Duration of vacancy	Price asked and rent asked
<b>OCCUPANCY CHARACTERISTICS</b>							
Condominium . . . . .	—	8	—	—	—	—	—
Year moved into unit. . . . .	7	8	—	—	—	—	—
<b>UTILIZATION CHARACTERISTICS</b>							
Rooms . . . . .	7	8	9	—	—	12	—
Persons in unit. . . . .	7	—	—	10	—	—	—
Bedrooms . . . . .	—	8	—	—	—	12	13
Median rooms . . . . .	7	8	9	—	—	12	—
<b>STRUCTURAL CHARACTERISTICS</b>							
Units in structure . . . . .	7	—	9	—	11	12	13
Year structure built . . . . .	—	—	—	—	—	12	13
Stories in structure . . . . .	—	—	—	—	—	—	—
<b>PLUMBING CHARACTERISTICS</b>							
Plumbing facilities . . . . .	7	8	9	10	11	12	13
<b>EQUIPMENT AND FUELS</b>							
Heating equipment . . . . .	7	8	—	—	—	12	—
Air conditioning. . . . .	7	8	—	—	—	—	—
Vehicles available . . . . .	—	8	—	—	—	—	—
House heating fuel . . . . .	7	8	—	—	—	—	—
Water heating fuel. . . . .	—	8	—	—	—	—	—
<b>FINANCIAL CHARACTERISTICS</b>							
Value . . . . .	—	—	9	—	—	—	—
Price asked. . . . .	—	—	—	—	—	12	—
Mortgage status and selected monthly owner costs . . . . .	—	—	—	—	11	—	—
Selected monthly owner costs as percentage of household income. . . .	—	—	9	—	11	—	—
Contract rent . . . . .	—	—	—	—	—	—	—
Gross rent . . . . .	—	—	9	—	11	—	—
Rent asked. . . . .	—	—	—	—	—	12	—
Gross rent as percentage of household income. . . . .	—	—	9	10	11	—	—
Mortgage status and selected monthly owner costs as percentage of household income. . . . .	—	—	—	10	—	—	—
<b>HOUSEHOLD CHARACTERISTICS</b>							
Household type by age of householder . . . . .	7	8	—	—	—	—	—
Income . . . . .	7	8	9	—	11	—	—
Income below poverty level . . . . .	7	8	9	—	11	—	—

The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the Introduction on page VII.

White . . . . .	20	21	22	23	24	—	—
Black . . . . .	31	32	33	34	35	—	—
American Indian, Eskimo, and Aleut . . . . .	42	43	44	45	46	—	—
Asian and Pacific Islander . . . . .	53	54	55	56	57	—	—
Spanish origin . . . . .	64	65	66	67	68	—	—

Standard Metropolitan Statistical Areas, Counties, and Selected Places





#### CORRECTION NOTE

Any corrections to the 1980 census counts of the total population and total housing units made after this report was printed are available by writing to Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233.

#### NOTE TO USERS:

1. In tables where the median age for total persons in owner-occupied and renter-occupied housing units is shown as ~~05+~~, the correct entry should be three dots (...).
2. The "Not computed" line for Mortgage Status and Selected Monthly Owner Costs as Percentage of Household Income in 1979 for not mortgaged units includes households with zero or negative income and households reporting no housing costs; that is, not mortgaged units with no utility, fuel, tax, or insurance payments required. Households with no Selected Monthly Owner Costs are normally excluded from the "Not computed" category.



Table A-1. Value of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

The SMSA	Total	Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 or more	Median (dollars)	Mean (dollars)
<b>Specified owner-occupied housing units</b>	<b>14 417</b>	<b>6</b>	<b>144</b>	<b>427</b>	<b>1 504</b>	<b>2 943</b>	<b>3 570</b>	<b>4 268</b>	<b>1 012</b>	<b>467</b>	<b>76</b>	<b>54 900</b>	<b>58 500</b>
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>													
<b>Married-couple families</b>	<b>11 858</b>	<b>6</b>	<b>79</b>	<b>272</b>	<b>993</b>	<b>2 345</b>	<b>3 018</b>	<b>3 755</b>	<b>896</b>	<b>433</b>	<b>61</b>	<b>56 600</b>	<b>60 100</b>
15 to 24 years	198	—	—	—	6	60	81	51	—	—	—	53 900	54 700
25 to 34 years	2 500	—	—	8	166	457	674	853	244	87	11	59 100	62 200
35 to 44 years	2 689	—	7	40	123	366	586	1 108	284	136	39	63 300	66 500
45 to 64 years	4 964	6	47	128	471	1 120	1 270	1 393	350	174	5	54 300	58 100
65 years and over	1 507	—	25	96	227	342	407	350	18	36	6	51 100	52 200
<b>Male householder, no wife present</b>	<b>783</b>	<b>—</b>	<b>16</b>	<b>39</b>	<b>167</b>	<b>202</b>	<b>153</b>	<b>156</b>	<b>35</b>	<b>9</b>	<b>6</b>	<b>47 400</b>	<b>51 800</b>
15 to 24 years	16	—	—	—	—	11	—	5	—	—	—	43 600	53 400
25 to 34 years	144	—	—	11	30	27	25	44	7	—	—	51 100	51 200
35 to 44 years	145	—	—	7	29	39	44	15	5	—	6	49 400	57 700
45 to 64 years	262	—	12	7	46	52	54	67	15	9	—	52 000	54 200
65 years and over	216	—	4	14	62	73	30	25	8	—	—	42 500	45 300
<b>Female householder, no husband present</b>	<b>1 776</b>	<b>—</b>	<b>49</b>	<b>116</b>	<b>344</b>	<b>396</b>	<b>399</b>	<b>357</b>	<b>81</b>	<b>25</b>	<b>9</b>	<b>49 500</b>	<b>51 100</b>
15 to 24 years	26	—	8	7	—	6	—	5	—	—	—	29 300	35 700
25 to 34 years	103	—	—	—	7	13	55	12	12	—	4	55 800	61 500
35 to 44 years	199	—	4	8	52	53	27	24	31	—	—	45 400	52 700
45 to 64 years	663	—	7	68	95	151	142	182	13	5	—	50 600	50 100
65 years and over	785	—	30	33	190	173	175	134	25	20	5	47 500	50 500
<b>Median age</b>	<b>49.4</b>	<b>57.5</b>	<b>62.5</b>	<b>60.9</b>	<b>58.5</b>	<b>52.0</b>	<b>49.5</b>	<b>45.2</b>	<b>42.2</b>	<b>46.0</b>	<b>40.8</b>	...	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>													
1979 to March 1980	1 134	—	9	17	56	161	260	412	163	56	—	62 600	64 500
1975 to 1978	3 172	—	17	35	281	656	778	953	299	120	33	57 600	61 500
1970 to 1974	2 185	—	—	52	150	330	507	851	204	64	27	60 900	63 400
1960 to 1969	3 774	—	53	116	308	799	903	1 165	247	172	11	56 000	59 300
1959 or earlier	4 152	6	65	207	709	997	1 122	887	99	55	5	50 600	51 300
<b>ROOMS</b>													
1 to 3 rooms	118	—	5	40	15	26	25	7	—	—	—	39 400	38 400
4 rooms	1 310	—	56	104	443	336	247	105	7	7	5	41 200	43 400
5 rooms	3 869	6	41	119	488	1 043	1 212	874	75	11	—	51 700	51 700
6 rooms	4 919	—	28	116	379	1 079	1 337	1 647	278	46	9	54 700	57 100
7 rooms	2 559	—	4	37	106	335	578	1 058	291	150	—	63 700	65 800
8 or more rooms	1 642	—	10	11	73	124	171	577	361	253	62	76 000	80 900
<b>Median</b>	<b>5.9</b>	<b>5.0</b>	<b>4.8</b>	<b>5.1</b>	<b>5.1</b>	<b>5.6</b>	<b>5.7</b>	<b>6.2</b>	<b>7.0</b>	<b>7.6</b>	<b>8.5+</b>	...	...
<b>BEDROOMS</b>													
None	8	—	—	—	—	8	—	—	—	—	—	47 500	47 500
1	556	—	29	78	116	119	133	67	7	7	—	43 800	44 400
2	3 410	—	54	186	670	895	834	632	95	23	21	48 800	50 500
3	8 005	6	47	136	561	1 533	2 142	2 764	591	220	5	57 400	59 700
4	2 149	—	9	16	150	352	419	721	264	174	44	62 300	68 100
5 or more	289	—	5	11	7	36	42	84	55	43	6	72 200	76 800
<b>YEAR STRUCTURE BUILT</b>													
1975 to March 1980	1 249	—	4	—	32	43	208	533	263	144	22	71 700	76 900
1970 to 1974	1 297	—	7	—	13	79	250	674	207	52	15	66 500	70 500
1960 to 1969	3 296	—	20	55	139	448	864	1 307	282	164	17	61 500	63 900
1950 to 1959	3 589	—	—	86	377	868	1 140	918	167	27	6	53 500	55 300
1940 to 1949	2 175	—	53	106	416	635	527	366	56	16	—	47 900	48 800
1939 or earlier	2 811	6	67	173	527	870	581	470	37	64	16	46 500	50 100
<b>HOUSEHOLD INCOME IN 1979</b>													
Less than \$5,000	561	—	14	54	170	157	101	46	10	—	9	42 000	45 800
\$5,000 to \$9,999	952	—	50	124	102	259	232	167	—	18	—	47 200	47 200
\$10,000 to \$14,999	726	—	11	13	167	227	121	145	35	7	—	46 900	50 200
\$15,000 to \$19,999	618	—	9	57	126	118	183	125	—	—	—	49 900	48 400
\$20,000 to \$24,999	2 313	—	13	103	284	616	608	569	94	26	—	52 000	53 500
\$25,000 to \$29,999	2 519	—	25	32	239	488	781	734	167	47	6	54 800	57 500
\$30,000 to \$34,999	3 978	6	22	44	272	700	920	1 481	398	130	5	60 300	61 900
\$35,000 to \$49,999	2 005	—	—	—	107	329	480	745	212	111	21	61 800	65 500
\$50,000 or more	745	—	—	—	37	49	144	256	96	128	35	69 500	80 800
<b>Median</b>	<b>\$23 981</b>	<b>\$30 468</b>	<b>\$11 818</b>	<b>\$13 487</b>	<b>\$18 425</b>	<b>\$20 898</b>	<b>\$23 562</b>	<b>\$26 875</b>	<b>\$30 159</b>	<b>\$35 456</b>	<b>\$47 493</b>	...	...
<b>Mean</b>	<b>\$25 814</b>	<b>\$33 290</b>	<b>\$14 453</b>	<b>\$13 917</b>	<b>\$20 038</b>	<b>\$22 507</b>	<b>\$24 864</b>	<b>\$28 236</b>	<b>\$33 019</b>	<b>\$44 096</b>	<b>\$56 340</b>	...	...
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>													
<b>With a mortgage</b>	<b>10 061</b>	<b>6</b>	<b>77</b>	<b>221</b>	<b>755</b>	<b>1 936</b>	<b>2 534</b>	<b>3 256</b>	<b>888</b>	<b>329</b>	<b>59</b>	<b>57 500</b>	<b>60 600</b>
Less than 15 percent	3 000	6	57	54	255	657	733	936	211	81	10	54 900	58 200
15 to 19 percent	2 380	—	—	29	146	414	688	865	183	45	10	58 500	60 700
20 to 24 percent	1 693	—	—	54	159	302	365	506	195	100	12	58 700	62 600
25 to 29 percent	1 252	—	8	11	90	235	332	372	147	51	6	58 400	62 700
30 to 34 percent	642	—	6	15	21	107	148	234	78	27	6	61 000	64 200
35 percent or more	1 086	—	6	58	84	221	260	343	74	25	15	56 500	59 300
Not computed	8	—	—	—	—	—	—	—	—	—	—	57 500	57 500
<b>Median</b>	<b>19.3</b>	<b>12.5</b>	<b>12.8</b>	<b>22.5</b>	<b>19.2</b>	<b>18.8</b>	<b>18.9</b>	<b>19.0</b>	<b>21.3</b>	<b>21.9</b>	<b>24.0</b>	...	...
<b>Not mortgaged</b>	<b>4 356</b>	<b>—</b>	<b>67</b>	<b>206</b>	<b>749</b>	<b>1 007</b>	<b>1 036</b>	<b>1 012</b>	<b>124</b>	<b>138</b>	<b>17</b>	<b>51 100</b>	<b>53 700</b>
Less than 10 percent	1 333	—	4	25	200	199	365	420	36	72	12	54 500	60 000
10 to 14 percent	1 105	—	—	27	149	343	263	220	68	35	—	51 000	54 700
15 to 19 percent	735	—	10	48	142	197	119	206	7	6	—	48 100	50 400
20 to 24 percent	282	—	28	23	54	49	93	28	—	7	—	44 300	45 000
25 to 29 percent	245	—	7	23	55	64	63	19	7	7	—	46 100	48 100
30 to 34 percent	216	—	8	20	62	29	44	47	6	—	—	45 000	46 600
35 percent or more	412	—	10	40	77	119	84	66	—	11	5	45 100	49 900
Not computed	28	—	—	—	10	7	5	6	—	—	—	42 900	45 900
<b>Median</b>	<b>13.8</b>	<b>—</b>	<b>23.5</b>	<b>20.7</b>	<b>15.7</b>	<b>14.4</b>	<b>12.9</b>	<b>11.9</b>	<b>11.9</b>	<b>10—</b>	<b>10—</b>	...	...
<b>SELECTED CHARACTERISTICS</b>													
<b>Complete plumbing for exclusive use</b>	<b>14 397</b>	<b>6</b>	<b>133</b>	<b>427</b>	<b>1 495</b>	<b>2 943</b>	<b>3 570</b>	<b>4 268</b>	<b>1 012</b>	<b>467</b>	<b>76</b>	<b>55 000</b>	<b>58 600</b>
1.01 or more persons per room	213	—	—	—	15	66	61	57	14	—	—	54 700	55 000
<b>Lacking complete plumbing for exclusive use</b>	<b>20</b>	<b>—</b>	<b>11</b>	<b>—</b>	<b>9</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>17 100</b>	<b>24 900</b>
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>Heating equipment</b>	<b>14 417</b>	<b>6</b>	<b>144</b>	<b>427</b>	<b>1 504</b>	<b>2 943</b>	<b>3 570</b>	<b>4 268</b>	<b>1 012</b>	<b>467</b>	<b>76</b>	<b>54 900</b>	<b>58 500</b>
Central heating system	13 665	6	103	398	1 417	2 816	3 430	4 030	938	456	71	54 900	58 600
<b>Air conditioning</b>	<b>7 593</b>	<b>—</b>	<b>61</b>	<b>103</b>	<b>755</b>	<b>1 595</b>	<b>1 929</b>	<b>2 369</b>	<b>512</b>	<b>241</b>	<b>28</b>	<b>55 500</b>	<b>59 000</b>
Central system	576	—	7	—	39	53	70	201	81	109	16	71 400	78 800
<b>Income in 1979 below poverty level</b>	<b>386</b>	<b>—</b>	<b>5</b>	<b>54</b>	<b>84</b>	<b>96</b>	<b>84</b>	<b>49</b>	<b>10</b>	<b>—</b>	<b>4</b>	<b>44 000</b>	<b>46 600</b>
Percent below poverty level	2.7	—	3.5	12.6	5.6	3.3	2.4	1.1	1.0	—	5.3	...	...

Table A—2. Gross Rent of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA	Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)
Specified renter-occupied housing units .....	8 886	583	593	1 367	2 152	2 099	1 096	374	299	85	238	242
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
Married-couple families .....	3 455	24	84	448	855	984	535	252	126	56	91	263
15 to 24 years .....	645	—	6	80	170	235	84	34	16	8	12	263
25 to 34 years .....	1 151	—	15	130	294	396	189	74	30	10	13	266
35 to 44 years .....	515	—	12	32	105	138	97	77	33	21	—	282
45 to 64 years .....	672	6	8	96	160	116	140	57	31	17	41	279
65 years and over .....	472	18	43	110	126	99	25	10	16	—	25	224
Male householder, no wife present .....	1 866	67	179	330	509	436	190	55	38	29	33	235
15 to 24 years .....	462	10	18	41	150	163	68	6	—	6	—	255
25 to 34 years .....	474	—	19	95	150	115	72	5	18	—	—	241
35 to 44 years .....	301	13	17	60	94	63	14	31	9	—	—	231
45 to 64 years .....	444	24	87	100	83	81	16	13	6	16	18	201
65 years and over .....	185	20	38	34	32	14	20	—	5	7	15	191
Female householder, no husband present .....	3 565	492	330	589	788	679	371	67	135	—	114	222
15 to 24 years .....	569	55	67	102	132	120	51	7	23	—	12	227
25 to 34 years .....	859	53	43	144	218	220	86	39	52	—	4	244
35 to 44 years .....	405	18	—	20	114	142	58	4	49	—	—	267
45 to 64 years .....	797	80	55	171	214	118	95	—	11	—	53	215
65 years and over .....	935	286	165	152	110	79	81	17	—	—	45	141
Median age .....	36.8	68.5	58.0	42.4	34.2	32.1	34.9	36.3	36.0	44.3	60.3	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980 .....	2 966	111	139	378	656	790	428	212	177	54	21	261
1975 to 1978 .....	3 556	234	196	510	954	884	500	104	113	27	34	244
1970 to 1974 .....	1 146	120	144	173	238	275	132	51	—	4	9	231
1960 to 1969 .....	603	71	78	130	180	73	11	—	—	—	60	189
1959 or earlier .....	615	47	36	176	124	77	25	7	9	—	114	198
<b>ROOMS</b>												
1 room .....	100	34	41	13	5	—	—	—	—	7	—	107
2 rooms .....	459	70	79	159	91	45	15	—	—	—	—	168
3 rooms .....	2 280	337	214	500	651	453	103	5	7	—	10	207
4 rooms .....	3 222	110	179	414	876	861	528	127	70	14	43	251
5 rooms .....	1 893	32	65	185	377	565	265	172	120	21	91	270
6 rooms .....	675	—	12	88	115	125	140	53	66	20	56	288
7 or more rooms .....	257	—	3	8	37	50	45	17	36	23	38	313
Median .....	4.0	3.1	3.3	3.5	3.9	4.1	4.3	4.8	5.1	5.5	5.2	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979</b>												
All income levels in 1979 .....	8 886	583	593	1 367	2 152	2 099	1 096	374	299	85	238	242
Complete plumbing for exclusive use .....	8 718	561	532	1 337	2 138	2 075	1 091	362	299	85	238	243
0.50 or less .....	5 340	441	409	921	1 361	1 137	612	133	93	32	201	231
0.51 to 1.00 .....	3 103	114	114	400	688	872	444	208	181	49	33	262
1.01 to 1.50 .....	255	—	9	10	85	66	35	21	25	4	—	265
1.51 or more .....	20	6	—	6	4	—	—	—	—	—	4	173
Lacking complete plumbing for exclusive use .....	168	22	61	30	14	24	5	12	—	—	—	151
0.50 or less .....	68	6	11	15	6	24	—	6	—	—	—	233
0.51 to 1.00 .....	80	16	36	15	8	—	5	—	—	—	—	116
1.01 to 1.50 .....	20	—	14	—	—	—	—	6	—	—	—	134
1.51 or more .....	—	—	—	—	—	—	—	—	—	—	—	—
Income in 1979 below poverty level .....	1 029	234	92	161	136	182	133	27	9	6	49	201
Complete plumbing for exclusive use .....	1 010	234	79	161	136	182	133	21	9	6	49	203
1.01 or more persons per room .....	57	6	—	5	20	18	—	8	—	—	—	246
Lacking complete plumbing for exclusive use .....	19	—	13	—	—	—	—	6	—	—	—	117
1.01 or more persons per room .....	13	—	7	—	—	—	—	6	—	—	—	119
<b>BEDROOMS</b>												
None .....	161	62	49	24	10	5	4	—	—	7	—	106
1 .....	3 113	391	328	745	845	617	141	5	—	7	34	205
2 .....	4 151	116	178	459	1 022	1 125	696	266	155	15	119	262
3 .....	1 249	14	38	112	250	310	205	91	114	39	76	275
4 .....	156	—	—	24	25	36	19	12	14	17	9	274
5 or more .....	56	—	—	3	—	6	31	—	16	—	—	331
<b>UNITS IN STRUCTURE</b>												
1, detached or attached .....	901	82	44	44	93	103	142	65	103	76	149	304
2 .....	2 040	103	91	370	570	569	221	58	17	—	41	239
3 and 4 .....	2 525	106	148	534	563	441	336	203	149	9	36	241
5 to 9 .....	862	47	73	167	240	245	62	8	15	—	5	223
10 to 49 .....	1 812	89	140	218	591	559	171	32	9	—	3	242
50 or more .....	742	156	97	34	95	182	164	8	6	—	—	246
Mobile home or trailer, etc. ....	4	—	—	—	—	—	—	—	—	—	4	—
<b>YEAR STRUCTURE BUILT</b>												
1975 to March 1980 .....	502	36	33	28	85	66	106	67	44	—	37	286
1970 to 1974 .....	1 430	114	84	97	267	426	221	68	108	41	4	266
1960 to 1969 .....	1 687	182	78	79	464	464	300	55	35	—	30	252
1950 to 1959 .....	686	20	63	112	189	153	62	25	25	8	29	234
1940 to 1949 .....	1 056	135	58	219	245	200	88	65	15	9	22	222
1939 or earlier .....	3 525	96	277	832	902	790	319	94	72	27	116	227
<b>STORIES IN STRUCTURE</b>												
1 to 3 .....	8 012	409	508	1 266	1 990	1 905	953	368	293	85	235	244
4 or more .....	874	174	85	101	162	194	143	6	6	—	3	227
With elevator .....	769	151	80	64	143	181	138	6	6	—	—	235
<b>GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>												
Less than 15 percent .....	2 114	155	210	472	637	386	163	58	26	7	...	218
15 to 19 percent .....	1 819	124	98	256	443	516	249	74	47	12	...	249
20 to 24 percent .....	1 465	201	107	216	318	325	172	72	38	16	...	236
25 to 29 percent .....	923	45	54	124	213	275	94	43	75	—	...	254
30 to 34 percent .....	519	18	40	56	143	121	57	43	34	7	...	251
35 to 49 percent .....	737	18	25	99	164	211	106	45	49	20	...	273
50 percent or more .....	1 023	17	47	130	229	253	255	39	30	23	...	264
Not computed .....	286	5	12	14	5	12	—	—	—	—	238	180
Median .....	21.3	20.2	19.1	19.0	19.9	22.2	24.0	23.8	27.6	35.2	...	...
<b>SELECTED CHARACTERISTICS</b>												
Heating equipment .....	8 869	573	586	1 367	2 152	2 099	1 096	374	299	85	238	243
Central heating system .....	7 784	534	516	1 024	1 867	1 868	1 044	350	272	79	230	246
Air conditioning .....	3 887	159	172	481	1 011	1 008	584	194	149	44	85	253
Central system .....	344	32	34	7	35	49	71	22	71	13	10	307

Table A—3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

The SMSA	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Owner-occupied housing units	16 983	713	1 215	910	811	2 703	2 896	4 568	2 321	846	23 621	25 695	482
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	13 595	157	559	526	545	2 090	2 563	4 254	2 112	789	25 702	28 126	205
15 to 24 years	250	6	14	—	14	49	80	76	5	6	21 909	22 903	12
25 to 34 years	2 802	40	13	62	66	625	716	1 016	192	72	24 105	25 759	47
35 to 44 years	3 053	14	31	55	61	401	717	1 173	459	142	26 875	28 839	21
45 to 64 years	5 657	62	112	173	164	636	908	1 774	1 318	510	29 151	32 118	87
65 years and over	1 833	35	389	236	240	379	142	215	138	59	15 210	18 949	38
Male householder, no wife present	1 082	100	128	122	97	214	126	193	74	28	17 304	19 275	39
15 to 24 years	33	—	5	9	6	5	3	—	—	5	13 542	21 726	—
25 to 34 years	217	—	8	16	25	63	40	42	23	—	19 676	22 062	—
35 to 44 years	156	7	11	16	—	51	12	41	12	6	18 906	21 665	7
45 to 64 years	369	12	25	36	42	72	54	87	24	17	19 867	22 138	6
65 years and over	307	81	79	45	24	23	17	23	15	—	9 536	12 385	26
Female householder, no husband present	2 306	456	528	262	169	399	207	121	135	29	11 613	14 378	238
15 to 24 years	42	7	12	5	—	13	5	—	—	—	11 000	11 707	7
25 to 34 years	172	31	19	46	10	35	16	—	7	8	11 957	14 942	38
35 to 44 years	260	19	40	35	30	50	36	10	26	14	16 000	19 676	25
45 to 64 years	839	69	145	96	75	216	83	73	75	7	15 737	17 394	62
65 years and over	993	330	312	80	54	85	67	38	27	—	7 795	10 459	106
Median age	49.8	69.1	68.3	62.5	60.1	46.8	42.3	44.4	51.1	51.0	...	...	58.2
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	1 422	19	37	74	63	265	301	434	162	67	24 155	26 358	15
1975 to 1978	3 734	116	79	124	142	697	780	1 243	414	139	24 501	26 104	132
1970 to 1974	2 534	45	110	96	113	409	505	765	373	118	24 887	26 825	45
1960 to 1969	4 181	94	215	187	146	594	646	1 219	768	312	26 967	29 781	86
1959 or earlier	5 112	439	774	429	347	738	664	907	604	210	18 881	21 311	204
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use	16 901	696	1 203	910	801	2 683	2 881	4 563	2 318	846	23 681	25 748	478
1.01 or more persons per room	272	—	—	6	20	28	63	82	41	32	26 696	30 059	—
Lacking complete plumbing for exclusive use	82	17	12	—	10	20	15	5	3	—	15 500	14 855	4
1.01 or more persons per room	3	—	—	—	—	—	—	—	3	—	40 906	40 150	—
Heating equipment	16 983	713	1 215	910	811	2 703	2 896	4 568	2 321	846	23 621	25 695	482
Central heating system	16 009	623	1 143	851	755	2 551	2 712	4 349	2 216	809	23 793	25 608	416
Air conditioning	8 989	301	462	480	373	1 352	1 604	2 508	1 415	494	24 751	27 270	194
Central system	901	13	39	79	43	76	145	248	192	66	26 250	29 863	26
Vehicles available	16 421	449	1 018	885	792	2 665	2 883	4 562	2 321	846	24 117	26 331	367
1	4 629	363	807	593	405	1 059	686	504	158	54	15 771	17 014	244
2 or more	11 792	86	211	292	387	1 606	2 197	4 058	2 163	792	27 508	29 988	123
House heating fuel	16 983	713	1 215	910	811	2 703	2 896	4 568	2 321	846	23 621	25 695	482
Utility gas	1 727	88	157	156	126	308	263	358	210	61	20 509	22 305	44
Bottled, tank, or LP gas	148	—	29	10	24	12	25	42	6	—	19 583	20 350	—
Electricity	2 088	64	38	59	80	327	358	726	318	118	26 250	27 828	72
Fuel oil, kerosene, etc.	12 463	532	967	665	554	1 967	2 130	3 265	1 743	640	23 570	25 933	331
Other	557	29	24	20	27	89	120	177	44	27	23 045	24 313	35
Median rooms	5.8	4.9	5.2	5.2	5.3	5.5	5.9	6.0	6.2	7.1	...	...	5.0
Specified owner-occupied housing units	14 417	561	952	726	618	2 313	2 519	3 978	2 005	745	23 981	25 814	386
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
With a mortgage	10 061	193	320	281	332	1 653	1 928	3 277	1 525	552	25 808	27 608	228
Less than \$200	236	32	20	14	18	44	31	62	15	—	17 727	19 368	20
\$200 to \$249	601	16	52	54	39	140	149	99	40	12	19 981	20 730	23
\$250 to \$299	1 425	18	42	42	72	274	212	417	286	62	26 442	27 047	18
\$300 to \$349	1 507	32	53	58	38	189	350	493	224	70	25 513	26 853	38
\$350 to \$399	1 583	15	57	37	32	342	344	517	167	72	24 264	26 158	23
\$400 to \$499	2 514	65	67	45	68	423	506	851	374	115	25 562	27 020	85
\$500 to \$599	1 225	15	18	23	30	179	193	457	210	100	26 629	32 409	21
\$600 to \$749	666	—	11	8	35	50	105	273	144	40	29 038	30 564	—
\$750 or more	304	—	—	—	—	12	38	108	65	81	32 119	40 579	—
Median	\$390	\$348	\$343	\$326	\$349	\$376	\$382	\$405	\$408	\$448	...	...	\$383
Not mortgaged	4 356	368	632	445	286	660	591	701	480	193	18 504	21 670	158
Less than \$50	—	—	—	—	—	—	—	—	—	—	—	—	—
\$50 to \$74	18	—	6	—	4	—	8	—	—	—	14 375	14 222	—
\$75 to \$99	44	30	—	14	—	—	—	—	—	—	4 200	6 120	5
\$100 to \$124	211	88	62	21	8	21	—	6	5	—	6 287	8 497	41
\$125 to \$149	431	90	97	55	24	41	31	74	12	7	11 295	15 014	37
\$150 to \$199	1 642	98	253	227	114	264	266	223	180	17	17 850	19 596	31
\$200 to \$249	1 260	54	168	72	108	241	173	262	133	49	19 729	22 082	38
\$250 or more	750	8	46	56	28	93	113	136	150	120	27 422	34 141	6
Median	\$195	\$143	\$180	\$179	\$197	\$201	\$198	\$209	\$216	\$250+	...	...	\$147
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage	10 061	193	320	281	332	1 653	1 928	3 277	1 525	552	25 808	27 608	228
Less than 15 percent	3 000	—	—	7	12	85	241	1 115	1 061	479	35 271	39 216	—
15 to 19 percent	2 380	—	14	—	26	276	612	1 108	306	38	26 770	27 544	—
20 to 24 percent	1 693	—	—	31	78	386	483	593	93	29	23 485	24 337	—
25 to 29 percent	1 252	—	7	47	43	420	367	318	50	—	21 099	22 116	—
30 to 34 percent	642	—	43	38	48	266	132	99	10	6	18 679	19 635	6
35 percent or more	1 086	185	256	158	125	220	93	44	5	—	11 614	12 072	214
Not computed	8	8	—	—	—	—	—	—	—	—	2500—	—4 990	8
Median	19.3	50+	50+	36.5	30.7	25.9	21.1	17.4	12.6	10—	...	...	50+
Not mortgaged	4 356	368	632	445	286	660	591	701	480	193	18 504	21 670	158
Less than 10 percent	1 333	—	—	14	4	45	154	469	461	186	34 505	38 438	—
10 to 14 percent	1 105	—	27	35	80	362	355	220	19	7	20 642	21 359	—
15 to 19 percent	735	—	58	196	151	236	82	12	—	—	14 379	15 043	—
20 to 24 percent	282	11	102	125	27	17	—	—	—	—	10 560	10 172	—
25 to 29 percent	245	20	151	50	24	—	—	—	—	—	8 845	8 835	—
30 to 34 percent	216	40	151	25	—	—	—	—	—	—	7 883	7 459	—
35 percent or more	412	269	143	—	—	—	—	—	—	—	4 254	4 503	130
Not computed	28	28	—	—	—	—	—	—	—	—	2500—	—	28
Median	13.8	46.1	29.3	19.4	17.0	13.9	12.0	10—	10—	10—	...	...	50+

Table A—4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Renter-occupied housing units -----	8 962	1 232	1 866	1 009	834	1 831	935	955	233	67	13 621	14 935	1 038
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families -----	3 487	124	406	285	307	944	621	610	155	35	18 220	19 128	160
15 to 24 years -----	645	5	75	51	71	241	127	68	7	—	17 167	17 607	5
25 to 34 years -----	1 151	31	43	101	117	376	254	200	22	7	18 536	19 158	44
35 to 44 years -----	531	22	16	—	45	117	102	162	62	5	22 719	23 990	32
45 to 64 years -----	685	41	71	54	41	126	119	159	64	10	20 432	20 964	57
65 years and over -----	475	25	201	79	33	84	19	21	—	13	10 364	13 038	22
Male householder, no wife present -----	1 888	170	405	244	229	421	171	197	31	20	13 865	15 417	100
15 to 24 years -----	467	37	126	118	48	56	42	40	—	—	11 494	12 929	24
25 to 34 years -----	488	13	67	55	103	162	42	37	7	2	15 234	16 105	13
35 to 44 years -----	301	32	35	30	18	63	42	81	—	—	17 017	17 452	25
45 to 64 years -----	447	28	93	35	53	112	45	39	24	18	15 806	19 141	20
65 years and over -----	185	60	84	6	7	28	—	—	—	—	6 658	7 578	18
Female householder, no husband present -----	3 587	938	1 055	480	298	466	143	148	47	12	8 994	10 604	778
15 to 24 years -----	569	147	180	40	47	88	31	23	13	—	8 882	10 965	202
25 to 34 years -----	859	120	225	192	90	140	27	52	6	7	11 100	12 426	145
35 to 44 years -----	411	29	114	94	57	86	9	17	5	—	11 662	12 597	97
45 to 64 years -----	803	189	215	105	51	121	70	42	10	—	9 937	11 384	173
65 years and over -----	945	453	321	49	53	31	6	14	13	5	5 214	7 201	161
Median age -----	36.9	61.6	50.6	32.9	33.2	32.1	32.6	36.7	43.6	49.2	...	...	39.7
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980 -----	2 978	250	724	339	350	563	329	329	94	—	13 757	15 095	275
1975 to 1978 -----	3 572	525	567	449	287	829	397	415	79	24	14 634	15 292	483
1970 to 1974 -----	1 163	230	243	122	95	181	126	109	27	30	12 223	14 790	111
1960 to 1969 -----	618	153	139	33	44	143	43	38	18	7	11 288	13 070	100
1959 or earlier -----	631	74	193	66	58	115	40	64	15	6	11 837	14 250	69
PLUMBING FACILITIES BY PERSONS PER ROOM													
Complete plumbing for exclusive use -----	8 794	1 213	1 815	998	819	1 797	935	942	215	60	13 632	14 896	1 019
0.50 or less -----	5 381	898	1 368	671	505	932	464	461	62	20	11 582	13 174	518
0.51 to 1.00 -----	3 131	292	406	296	297	829	436	415	126	34	16 482	17 313	444
1.01 to 1.50 -----	262	23	35	31	13	30	35	66	23	6	19 808	21 109	51
1.51 or more -----	20	—	6	—	4	6	—	—	4	—	16 250	18 411	6
Lacking complete plumbing for exclusive use -----	168	19	51	11	15	34	—	13	18	7	13 000	16 956	19
0.50 or less -----	68	12	32	5	—	11	—	8	—	—	8 529	11 014	6
0.51 to 1.00 -----	80	—	19	6	9	23	—	5	18	—	16 500	20 023	—
1.01 to 1.50 -----	20	7	—	—	6	—	—	—	—	7	13 750	24 893	13
1.51 or more -----	—	—	—	—	—	—	—	—	—	—	—	—	—
SELECTED CHARACTERISTICS													
Heating equipment -----	8 945	1 232	1 849	1 009	834	1 831	935	955	233	67	13 647	14 948	1 038
Central heating system -----	7 834	1 069	1 598	879	741	1 577	838	845	226	61	13 752	15 121	881
Air conditioning -----	3 915	427	723	396	382	836	531	471	120	29	15 162	15 921	323
Central system -----	344	44	54	38	36	88	45	25	14	—	15 000	14 942	30
Vehicles available -----	7 698	579	1 465	933	782	1 782	914	943	233	67	15 245	16 338	605
1 -----	4 905	475	1 280	741	504	1 079	403	326	76	21	12 353	13 653	462
2 or more -----	2 793	104	185	192	278	703	511	617	157	46	19 570	21 052	143
House heating fuel -----	8 945	1 232	1 849	1 009	834	1 831	935	955	233	67	13 647	14 948	1 038
Utility gas -----	2 040	219	449	238	159	488	218	207	50	12	14 292	15 077	226
Bottled, tank, or LP gas -----	125	41	29	12	12	21	10	—	—	—	8 897	9 696	41
Electricity -----	2 063	309	399	228	181	419	208	215	97	7	13 819	15 180	206
Fuel oil, kerosene, etc. -----	4 666	652	972	531	470	891	495	521	86	48	13 447	14 901	554
Other -----	51	11	—	—	12	12	4	12	—	—	16 042	17 695	11
Median rooms -----	4.0	3.5	3.7	3.9	4.1	4.1	4.3	4.4	4.5	4.8	...	...	3.9
Specified renter-occupied housing units -----													
8 886	1 213	1 859	1 009	831	1 811	933	943	224	63	13 589	14 887	1 029	
CONTRACT RENT													
Less than \$100 -----	1 078	509	264	96	58	58	22	53	5	13	5 397	8 558	364
\$100 to \$149 -----	1 451	159	411	184	139	303	127	107	21	—	12 113	13 453	135
\$150 to \$199 -----	2 623	268	539	344	331	500	295	265	69	12	13 712	14 948	241
\$200 to \$249 -----	2 076	147	330	229	181	565	294	283	27	20	16 560	16 941	143
\$250 to \$299 -----	1 028	78	214	123	73	225	120	125	64	6	15 478	16 647	82
\$300 to \$349 -----	266	9	26	12	30	60	34	81	14	—	19 474	20 771	9
\$350 to \$399 -----	86	—	6	6	7	39	4	12	12	—	18 438	21 217	—
\$400 to \$499 -----	22	6	—	—	—	—	4	8	4	—	30 369	22 921	6
\$500 or more -----	18	—	7	—	4	—	—	—	—	7	13 750	35 061	—
No cash rent -----	238	37	62	15	8	61	33	9	8	5	14 063	14 985	49
Median -----	\$184	\$115	\$167	\$182	\$183	\$201	\$201	\$209	\$227	\$214	...	...	\$145
GROSS RENT													
Less than \$100 -----	583	377	129	31	27	6	—	13	—	—	4 290	5 657	234
\$100 to \$149 -----	593	123	240	54	61	93	6	6	3	7	8 231	9 818	92
\$150 to \$199 -----	1 367	180	382	195	124	224	112	132	12	6	11 558	13 411	161
\$200 to \$249 -----	2 152	191	423	324	234	464	259	184	66	7	13 974	15 078	136
\$250 to \$299 -----	2 099	163	352	281	224	531	243	241	41	23	15 315	16 344	182
\$300 to \$349 -----	1 096	122	210	42	95	212	170	203	34	8	16 703	16 981	133
\$350 to \$399 -----	374	14	31	33	32	87	75	84	18	—	19 242	19 901	27
\$400 to \$499 -----	299	—	23	28	15	117	31	59	26	—	18 731	21 080	9
\$500 or more -----	85	6	7	6	11	16	4	12	16	7	19 125	25 418	6
No cash rent -----	238	37	62	15	8	61	33	9	8	5	14 063	14 985	49
Median -----	\$242	\$177	\$216	\$236	\$244	\$258	\$265	\$279	\$281	\$270	...	...	\$201
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
Less than 15 percent -----	2 114	6	77	60	103	421	452	737	200	58	24 340	25 325	20
15 to 19 percent -----	1 819	92	110	138	217	719	358	173	12	—	17 434	17 247	39
20 to 24 percent -----	1 465	176	266	266	279	369	81	24	4	—	12 720	12 480	150
25 to 29 percent -----	923	57	239	339	122	161	5	—	—	—	11 221	11 255	40
30 to 34 percent -----	519	45	251	95	70	54	4	—	—	—	9 484	9 750	28
35 to 49 percent -----	737	79	521	83	28	26	—	—	—	—	7 783	8 006	82
50 percent or more -----	1 023	673	333	13	4	—	—	—	—	—	4 080	4 113	573
Not computed -----	286	85	62	15	8	61	33	9	8	5	9 811	12 377	97
Median -----	21.3	50+	34.1	25.5	21.6	18.2	15.0	12.3	10—	10—	...	...	50+

Table A—5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

## The SMSA

	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
<b>Specified owner-occupied housing units</b> .....	<b>10 061</b>	<b>236</b>	<b>601</b>	<b>1 425</b>	<b>1 507</b>	<b>1 583</b>	<b>2 514</b>	<b>1 225</b>	<b>666</b>	<b>304</b>	<b>390</b>
<b>PERSONS IN UNIT</b>											
1 person .....	508	37	78	87	53	88	99	36	20	10	349
2 persons .....	2 275	110	203	396	249	356	509	229	168	55	375
3 persons .....	2 219	49	153	362	272	308	627	255	153	40	394
4 persons .....	2 828	19	109	339	554	464	726	355	178	84	392
5 persons .....	1 314	14	33	128	271	207	316	196	95	54	401
6 persons .....	629	7	25	93	66	114	166	101	35	22	405
7 persons .....	247	—	—	13	42	46	71	47	12	16	433
8 or more persons .....	41	—	—	7	—	—	—	6	5	23	750 +
Median .....	3.51	2.24	2.63	3.13	3.82	3.59	3.53	3.76	3.45	4.06	...
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>											
<b>Married-couple families</b> .....	<b>8 843</b>	<b>169</b>	<b>466</b>	<b>1 231</b>	<b>1 342</b>	<b>1 384</b>	<b>2 291</b>	<b>1 093</b>	<b>600</b>	<b>267</b>	<b>394</b>
15 to 24 years .....	198	—	—	—	14	18	86	53	27	—	476
25 to 34 years .....	2 438	12	20	72	224	440	892	421	246	111	445
35 to 44 years .....	2 559	34	77	229	444	431	723	370	151	100	407
45 to 64 years .....	3 277	103	306	813	609	448	539	243	160	56	334
65 years and over .....	371	20	63	117	51	47	51	6	16	—	294
<b>Male householder, no wife present</b> .....	<b>452</b>	<b>26</b>	<b>55</b>	<b>34</b>	<b>47</b>	<b>95</b>	<b>99</b>	<b>51</b>	<b>29</b>	<b>16</b>	<b>384</b>
15 to 24 years .....	5	—	—	—	—	—	—	—	5	—	675
25 to 34 years .....	138	—	7	12	19	29	59	6	—	6	403
35 to 44 years .....	102	5	5	10	13	18	14	26	5	6	400
45 to 64 years .....	154	—	36	6	15	42	19	19	13	4	374
65 years and over .....	53	21	7	6	—	6	7	—	6	—	239
<b>Female householder, no husband present</b> .....	<b>766</b>	<b>41</b>	<b>80</b>	<b>160</b>	<b>118</b>	<b>104</b>	<b>124</b>	<b>81</b>	<b>37</b>	<b>21</b>	<b>343</b>
15 to 24 years .....	26	—	—	—	—	8	13	5	—	—	469
25 to 34 years .....	92	—	—	—	6	29	33	18	6	—	420
35 to 44 years .....	175	—	6	12	42	32	44	13	12	14	393
45 to 64 years .....	343	8	62	115	53	25	20	39	14	7	294
65 years and over .....	130	33	12	33	17	10	14	6	5	—	280
Median age .....	42.3	60.5	54.8	52.3	44.8	40.1	37.2	37.1	37.9	37.6	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>											
1979 to March 1980 .....	1 075	10	22	12	28	62	271	267	274	129	550
1975 to 1978 .....	2 964	37	74	99	210	562	1 176	520	174	112	439
1970 to 1974 .....	1 945	7	78	177	388	389	571	239	70	26	391
1960 to 1969 .....	2 910	96	219	750	693	456	385	163	111	37	328
1959 or earlier .....	1 167	86	208	387	188	114	111	36	37	—	287
<b>ROOMS</b>											
1 to 3 rooms .....	36	11	—	—	7	7	—	—	5	6	350
4 rooms .....	684	42	115	102	74	133	181	37	—	—	353
5 rooms .....	2 522	122	201	599	465	377	491	197	58	12	336
6 rooms .....	3 547	50	203	494	632	635	918	336	235	44	381
7 rooms .....	2 010	11	62	174	242	259	573	401	205	83	440
8 or more rooms .....	1 262	—	20	56	87	172	351	254	163	159	480
Median .....	6.0	5.0	5.4	5.5	5.8	5.9	6.1	6.6	6.7	7.6	...
<b>YEAR STRUCTURE BUILT</b>											
1975 to March 1980 .....	1 182	28	7	15	41	106	399	240	203	143	499
1970 to 1974 .....	1 194	7	—	85	145	202	457	187	63	48	426
1960 to 1969 .....	2 699	39	129	443	489	433	585	376	156	49	379
1950 to 1959 .....	2 230	27	163	491	416	352	456	183	122	20	353
1940 to 1949 .....	1 287	71	136	160	198	266	300	144	12	—	365
1939 or earlier .....	1 469	64	166	231	218	224	317	95	110	44	362
<b>VALUE</b>											
Less than \$10,000 .....	6	—	—	6	—	—	—	—	—	—	275
\$10,000 to \$19,999 .....	77	24	29	6	—	18	—	—	—	—	225
\$20,000 to \$29,999 .....	221	8	90	33	33	32	15	—	10	—	269
\$30,000 to \$39,999 .....	755	58	118	151	140	154	117	12	5	—	318
\$40,000 to \$49,999 .....	1 936	67	148	416	382	320	456	124	23	—	344
\$50,000 to \$59,999 .....	2 534	33	148	429	463	370	684	264	131	12	376
\$60,000 to \$79,999 .....	3 256	23	68	359	435	571	892	527	281	100	415
\$80,000 to \$99,999 .....	888	23	—	19	39	108	276	183	162	78	492
\$100,000 to \$149,999 .....	329	—	—	6	15	10	74	101	42	81	559
\$150,000 or more .....	59	—	—	—	—	—	—	14	12	33	750 +
Median .....	\$57 500	\$43 400	\$43 900	\$51 500	\$53 700	\$57 200	\$59 700	\$65 600	\$72 000	\$90 700	...
<b>SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>											
Less than 15 percent .....	3 000	171	332	835	672	391	408	143	30	18	312
15 to 19 percent .....	2 380	20	128	310	448	502	674	190	80	28	378
20 to 24 percent .....	1 693	7	43	165	175	338	508	296	120	41	421
25 to 29 percent .....	1 252	—	37	30	61	204	441	249	167	63	463
30 to 34 percent .....	642	6	26	36	21	39	208	141	110	55	492
35 percent or more .....	1 086	32	35	49	130	109	267	206	159	99	472
Not computed .....	8	—	—	—	—	—	8	—	—	—	425
Median .....	19.3	11.4	14.3	13.7	15.9	19.0	21.7	24.7	28.1	30.2	...
<b>SELECTED CHARACTERISTICS</b>											
<b>Heating equipment</b> .....	<b>10 061</b>	<b>236</b>	<b>601</b>	<b>1 425</b>	<b>1 507</b>	<b>1 583</b>	<b>2 514</b>	<b>1 225</b>	<b>666</b>	<b>304</b>	<b>390</b>
Steam or hot water system .....	5 391	83	328	866	841	839	1 267	635	368	164	384
Central warm-air furnace or electric heat pump .....	2 420	58	205	328	338	434	533	295	168	61	382
Other built-in electric units .....	1 630	52	37	143	231	202	549	251	98	67	420
Floor, wall, or pipeless furnace .....	57	—	6	14	20	10	7	—	—	—	321
Other means .....	563	43	25	74	77	98	158	44	32	12	382
<b>Air conditioning</b> .....	<b>5 556</b>	<b>95</b>	<b>344</b>	<b>826</b>	<b>918</b>	<b>800</b>	<b>1 431</b>	<b>707</b>	<b>301</b>	<b>134</b>	<b>387</b>
Central system .....	375	6	21	40	34	44	66	64	60	40	444
1 or more individual room units .....	5 181	89	323	786	884	756	1 365	643	241	94	384
<b>House heating fuel</b> .....	<b>10 061</b>	<b>236</b>	<b>601</b>	<b>1 425</b>	<b>1 507</b>	<b>1 583</b>	<b>2 514</b>	<b>1 225</b>	<b>666</b>	<b>304</b>	<b>390</b>
Utility gas .....	627	26	35	74	107	115	141	71	28	30	381
Bottled, tank, or LP gas .....	57	8	6	16	8	—	13	—	—	6	295
Electricity .....	1 749	52	37	163	244	213	587	269	117	67	421
Fuel oil, kerosene, etc. .....	7 224	128	505	1 131	1 086	1 171	1 657	848	503	195	383
Other .....	404	22	18	41	62	84	116	37	18	6	385

Table A—6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

The SMSA	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
<b>Specified owner-occupied housing units</b> -----	<b>4 356</b>	<b>-</b>	<b>18</b>	<b>44</b>	<b>211</b>	<b>431</b>	<b>1 642</b>	<b>1 260</b>	<b>750</b>	<b>195</b>
<b>PERSONS IN UNIT</b>										
1 person -----	806	-	6	44	133	146	305	140	32	162
2 persons -----	2 148	-	-	-	64	195	909	667	313	195
3 persons -----	837	-	8	-	14	48	298	263	206	210
4 persons -----	375	-	4	-	-	34	91	107	139	227
5 persons -----	145	-	-	-	-	8	32	62	43	226
6 persons -----	36	-	-	-	-	-	7	21	8	226
7 persons -----	9	-	-	-	-	-	-	-	9	250+
8 or more persons -----	-	-	-	-	-	-	-	-	-	-
Median -----	2.14	-	2.88	1.00	1.29	1.86	2.07	2.23	2.65	...
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>										
<b>Married-couple families</b> -----	<b>3 015</b>	<b>-</b>	<b>12</b>	<b>-</b>	<b>65</b>	<b>243</b>	<b>1 202</b>	<b>934</b>	<b>559</b>	<b>199</b>
15 to 24 years -----	62	-	-	-	-	18	18	21	5	186
25 to 34 years -----	130	-	-	-	-	43	57	30	219	210
35 to 44 years -----	1 687	-	8	-	15	91	681	541	351	204
45 to 64 years -----	1 136	-	4	-	50	134	460	315	173	191
65 years and over -----	331	-	6	19	34	54	102	71	45	176
<b>Male householder, no wife present</b> -----	<b>11</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5</b>	<b>6</b>	<b>-</b>	<b>204</b>
15 to 24 years -----	6	-	-	-	-	-	-	6	-	225
25 to 34 years -----	43	-	6	-	7	14	16	-	-	140
35 to 44 years -----	108	-	-	8	7	7	21	25	40	222
45 to 64 years -----	163	-	-	11	20	33	60	34	5	165
65 years and over -----	1 010	-	-	25	112	134	338	255	146	185
<b>Female householder, no husband present</b> -----	<b>11</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5</b>	<b>6</b>	<b>250+</b>
15 to 24 years -----	24	-	-	-	-	-	6	10	8	230
25 to 34 years -----	320	-	-	-	21	22	102	105	70	207
35 to 44 years -----	655	-	-	25	91	112	230	135	62	172
45 to 64 years -----	63.7	-	46.9	68.9	74.9	69.0	63.9	62.5	60.3	...
65 years and over -----										
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>										
1979 to March 1980 -----	59	-	6	6	-	-	27	20	-	182
1975 to 1978 -----	208	-	-	-	8	43	69	42	46	188
1970 to 1974 -----	240	-	-	-	-	21	81	72	66	213
1960 to 1969 -----	864	-	8	14	29	68	272	295	178	207
1959 or earlier -----	2 985	-	4	24	174	299	1 193	831	460	192
<b>ROOMS</b>										
1 to 3 rooms -----	82	-	-	8	16	15	33	-	10	153
4 rooms -----	626	-	6	25	67	117	264	123	24	169
5 rooms -----	1 347	-	8	11	55	180	525	437	131	190
6 rooms -----	1 372	-	4	-	29	92	615	420	212	196
7 rooms -----	549	-	-	-	35	17	150	203	144	218
8 or more rooms -----	380	-	-	-	9	10	55	77	229	250+
Median -----	5.6	-	4.9	4.1	4.9	5.0	5.5	5.7	6.5	...
<b>YEAR STRUCTURE BUILT</b>										
1975 to March 1980 -----	67	-	6	6	-	-	30	14	11	186
1970 to 1974 -----	103	-	-	-	-	7	13	53	30	230
1960 to 1969 -----	597	-	8	14	8	39	187	189	152	211
1950 to 1959 -----	1 359	-	7	7	41	80	491	502	238	206
1940 to 1949 -----	888	-	-	4	52	101	446	227	58	182
1939 or earlier -----	1 342	-	4	13	110	204	475	275	261	186
<b>VALUE</b>										
Less than \$10,000 -----	-	-	-	-	-	-	-	-	-	-
\$10,000 to \$19,999 -----	67	-	4	4	-	42	12	5	-	140
\$20,000 to \$29,999 -----	206	-	-	-	29	61	42	50	24	165
\$30,000 to \$39,999 -----	749	-	6	14	103	113	341	138	34	170
\$40,000 to \$49,999 -----	1 007	-	-	15	52	150	480	209	101	180
\$50,000 to \$59,999 -----	1 036	-	-	5	27	38	421	425	120	203
\$60,000 to \$79,999 -----	1 012	-	8	6	-	20	311	367	300	222
\$80,000 to \$99,999 -----	124	-	-	-	-	7	28	21	68	250+
\$100,000 to \$149,999 -----	138	-	-	-	-	-	7	40	91	250+
\$150,000 or more -----	17	-	-	-	-	-	-	5	12	250+
Median -----	\$51 100	-	\$34 200	\$42 900	\$36 700	\$40 000	\$48 900	\$54 300	\$66 600	...
<b>SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>										
Less than 10 percent -----	1 333	-	12	14	32	131	552	336	256	193
10 to 14 percent -----	1 105	-	6	-	44	78	427	381	169	200
15 to 19 percent -----	735	-	-	-	13	86	240	226	170	206
20 to 24 percent -----	282	-	-	11	27	25	122	76	21	182
25 to 29 percent -----	245	-	-	14	13	13	103	47	55	190
30 to 34 percent -----	216	-	-	-	32	16	63	80	25	198
35 percent or more -----	412	-	-	-	40	82	135	101	54	181
Not computed -----	28	-	-	5	10	-	-	13	-	122
Median -----	13.8	-	10	22.5	22.1	15.4	13.1	13.8	13.5	...
<b>SELECTED CHARACTERISTICS</b>										
<b>Heating equipment</b> -----	<b>4 356</b>	<b>-</b>	<b>18</b>	<b>44</b>	<b>211</b>	<b>431</b>	<b>1 642</b>	<b>1 260</b>	<b>750</b>	<b>195</b>
Steam or hot water system -----	2 754	-	-	14	92	174	1 035	903	536	203
Central warm-air furnace or electric heat pump -----	1 223	-	4	19	100	179	465	291	165	183
Other built-in electric units -----	135	-	-	6	-	13	66	34	16	187
Floor, wall, or pipeless furnace -----	55	-	-	-	-	22	26	-	7	161
Other means -----	189	-	14	5	19	43	50	32	26	163
<b>Air conditioning</b> -----	<b>2 037</b>	<b>-</b>	<b>-</b>	<b>8</b>	<b>86</b>	<b>169</b>	<b>858</b>	<b>593</b>	<b>323</b>	<b>194</b>
Central system -----	201	-	-	-	-	19	48	80	54	221
1 or more individual room units -----	1 836	-	-	8	86	150	810	513	269	192
<b>House heating fuel</b> -----	<b>4 356</b>	<b>-</b>	<b>18</b>	<b>44</b>	<b>211</b>	<b>431</b>	<b>1 642</b>	<b>1 260</b>	<b>750</b>	<b>195</b>
Utility gas -----	395	-	4	8	41	55	158	64	65	178
Bottled, tank, or LP gas -----	46	-	-	-	-	24	11	5	6	149
Electricity -----	167	-	-	6	6	13	72	50	20	191
Fuel oil, kerosene, etc. -----	3 660	-	-	25	164	306	1 383	1 129	653	198
Other -----	88	-	14	5	-	33	18	12	6	144



Table A-7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA	Owner-occupied housing units						Renter-occupied housing units					
	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier
Occupied housing units	16 983	1 387	1 635	3 621	6 255	4 085	8 962	508	1 434	1 697	1 769	3 554
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
Married-couple families	13 595	1 246	1 424	3 060	5 138	2 727	3 487	199	565	577	673	1 473
15 to 24 years	250	38	46	33	77	56	645	26	108	96	131	284
25 to 34 years	2 802	639	472	384	724	583	1 151	39	203	229	281	399
35 to 44 years	3 053	344	512	939	894	364	531	39	68	75	117	232
45 to 64 years	5 657	214	371	1 485	2 569	1 018	685	48	110	104	104	319
65 years and over	1 833	11	23	219	874	706	475	47	76	73	40	239
Male householder, no wife present	1 082	60	79	156	357	430	1 888	102	303	330	347	806
15 to 24 years	33	—	5	14	11	3	467	51	63	65	108	180
25 to 34 years	217	24	26	30	74	63	488	27	81	93	93	194
35 to 44 years	156	16	6	33	63	38	301	6	49	63	63	120
45 to 64 years	369	16	36	69	132	116	447	12	52	81	72	230
65 years and over	307	4	6	10	77	210	185	6	58	28	11	82
Female householder, no husband present	2 306	81	132	405	760	928	3 587	207	566	790	749	1 275
15 to 24 years	42	5	—	—	27	10	569	26	56	107	147	233
25 to 34 years	172	25	63	35	31	18	859	25	172	161	228	273
35 to 44 years	260	20	20	98	44	78	411	24	69	78	114	126
45 to 64 years	839	21	43	150	370	255	803	44	94	158	169	338
65 years and over	993	10	6	122	288	567	945	88	175	286	91	305
Median age	49.8	34.5	38.1	47.0	53.9	58.0	36.9	41.5	36.4	38.0	33.1	38.8
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980	1 422	489	165	204	309	255	2 978	183	596	503	573	1 123
1975 to 1978	3 734	898	542	556	1 094	644	3 572	325	532	786	799	1 130
1970 to 1974	2 534	—	928	553	692	361	1 163	—	306	265	202	390
1960 to 1969	4 181	—	—	2 308	1 197	676	618	—	—	143	103	372
1959 or earlier	5 112	—	—	—	2 963	2 149	631	—	—	—	92	539
<b>ROOMS</b>												
1 room	8	—	—	—	—	8	100	—	8	5	28	59
2 rooms	38	—	—	23	15	—	469	6	65	130	82	186
3 rooms	154	—	7	23	63	61	2 288	207	472	651	424	534
4 rooms	1 865	147	135	255	871	457	3 247	189	653	682	620	1 103
5 rooms	4 767	269	308	1 068	1 995	1 127	1 900	99	151	199	346	1 105
6 rooms	5 453	418	478	1 150	2 209	1 198	695	7	56	30	213	389
7 or more rooms	4 698	553	707	1 102	1 102	1 234	263	—	29	—	56	178
Median	5.8	6.2	6.3	5.9	5.6	5.8	4.0	3.7	3.8	3.6	4.1	4.4
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
Complete plumbing for exclusive use	16 901	1 387	1 632	3 618	6 232	4 032	8 794	490	1 409	1 677	1 736	3 482
0.50 or less	9 727	707	804	1 782	3 602	2 832	5 381	343	817	1 072	872	2 277
0.51 to 1.00	6 902	654	807	1 793	2 516	1 132	3 131	119	565	569	786	1 092
1.01 to 1.50	266	26	21	43	114	62	262	24	27	36	72	103
1.51 or more	6	—	—	—	—	6	20	4	—	—	6	10
Lacking complete plumbing for exclusive use	82	—	3	3	23	53	168	18	25	20	33	72
0.50 or less	49	—	3	—	6	40	68	18	10	12	13	15
0.51 to 1.00	30	—	—	3	17	10	80	—	15	8	—	57
1.01 to 1.50	3	—	—	—	—	3	20	—	—	—	20	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—
<b>PERSONS IN UNIT</b>												
1 person	1 742	57	98	241	555	791	3 378	219	499	780	550	1 330
2 persons	5 278	344	346	883	2 233	1 472	2 623	159	458	480	480	1 046
3 persons	3 525	340	377	726	1 365	717	1 319	69	199	224	249	578
4 persons	3 635	377	549	959	1 169	581	996	24	214	121	288	349
5 persons	1 714	179	181	468	604	282	393	14	54	66	121	138
6 or more persons	1 089	90	84	344	329	242	253	23	10	26	81	113
Median	2.92	3.36	3.49	3.45	2.75	2.35	1.92	1.72	1.98	1.64	2.20	1.93
Total persons	53 252	4 815	5 398	12 343	18 635	12 061	19 876	1 046	3 052	3 353	4 533	7 892
<b>UNITS IN STRUCTURE</b>												
1, detached or attached	15 224	1 299	1 436	3 445	6 050	2 994	977	67	117	155	351	287
2	979	33	12	20	120	794	2 040	—	27	90	548	1 375
3 and 4	466	18	93	43	35	277	2 525	145	322	279	547	1 232
5 to 9	122	—	41	60	7	14	862	26	85	163	137	451
10 to 49	64	6	25	22	5	6	1 812	142	593	727	146	204
50 or more	16	—	7	9	—	—	742	124	290	283	40	5
Mobile home or trailer, etc.	112	31	21	22	38	—	4	4	—	—	—	—
<b>SELECTED CHARACTERISTICS</b>												
Heating equipment	16 983	1 387	1 635	3 621	6 255	4 085	8 945	508	1 434	1 697	1 769	3 537
Steam or hot water system	9 314	633	383	2 264	3 699	2 335	3 841	220	412	686	838	1 685
Central warm-air furnace or electric heat pump	4 647	296	371	555	2 133	1 292	2 201	96	376	320	436	973
Other built-in electric units	1 921	356	722	679	121	43	1 655	186	592	579	127	171
Floor, wall, or pipeless furnace	127	6	5	7	43	66	137	—	—	38	41	58
Other means	974	96	154	116	259	349	1 111	6	54	74	327	650
Air conditioning	8 989	628	970	2 083	3 665	1 643	3 915	331	974	931	569	1 110
Central system	901	125	226	317	214	19	344	13	170	94	36	31
1 or more individual room units	8 088	503	744	1 766	3 451	1 624	3 571	318	804	837	533	1 079
House heating fuel	16 983	1 387	1 635	3 621	6 255	4 085	8 945	508	1 434	1 697	1 769	3 537
Utility gas	1 727	65	190	240	346	886	2 040	89	190	163	404	1 194
Bottled, tank, or LP gas	148	8	6	16	73	45	125	—	—	8	49	68
Electricity	2 088	384	771	728	140	65	2 063	232	787	688	169	187
Fuel oil, kerosene, etc.	12 463	856	540	2 553	5 546	2 968	4 666	181	457	838	1 130	2 060
Other	557	74	128	84	150	121	51	6	—	—	17	28
Income in 1979 below poverty level	482	27	46	76	191	142	1 038	46	74	219	340	359
Percent below poverty level	2.8	1.9	2.8	2.1	3.1	3.5	11.6	9.1	5.2	12.9	19.2	10.1
<b>HOUSEHOLD INCOME IN 1979</b>												
Less than \$5,000	713	31	27	76	245	334	1 232	56	178	315	256	427
\$5,000 to \$9,999	1 215	23	59	150	486	497	1 866	134	301	353	280	798
\$10,000 to \$12,499	910	38	57	155	338	322	1 009	58	137	190	196	428
\$12,500 to \$14,999	811	27	70	123	362	229	834	61	110	152	227	284
\$15,000 to \$19,999	2 703	201	197	512	1 089	704	1 831	59	293	351	387	741
\$20,000 to \$24,999	2 896	331	310	630	1 012	613	935	79	154	139	189	374
\$25,000 to \$34,999	4 568	473	577	1 123	1 599	796	955	35	181	149	184	406
\$35,000 to \$49,999	2 321	181	259	615	844	422	233	20	80	32	39	62
\$50,000 or more	846	82	79	237	280	168	67	6	—	16	11	34
Median	\$23 621	\$25 799	\$26 161	\$26 371	\$22 665	\$19 702	\$13 621	\$12 746	\$14 795	\$12 375	\$14 180	\$13 592
Mean	\$25 695	\$28 383	\$28 287	\$28 067	\$24 728	\$23 125	\$14 935	\$14 910	\$15 668	\$14 004	\$14 966	\$15 071

Table A—8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

## The SMSA

	Owner-occupied housing units				Renter-occupied housing units							
	Total	1 unit, detached or attached	2 or more units	Mobile home or trailer, etc.	Total	1 unit, detached or attached	2 units	3 and 4 units	5 to 9 units	10 to 49 units	50 or more units	Mobile home or trailer, etc.
Occupied housing units .....	16 983	15 224	1 647	112	8 962	977	2 040	2 525	862	1 812	742	4
Condominium housing units .....	316	106	210	—	65	26	—	39	—	—	—	—
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
Married-couple families .....	13 595	12 450	1 077	68	3 487	420	1 034	1 079	269	498	187	—
15 to 24 years .....	250	210	40	—	645	32	194	206	68	114	31	—
25 to 34 years .....	2 802	2 599	198	5	1 151	93	359	386	65	204	44	—
35 to 44 years .....	3 053	2 837	210	6	531	142	139	157	53	33	7	—
45 to 64 years .....	5 657	5 208	399	50	685	87	229	201	53	76	39	—
65 years and over .....	1 833	1 596	230	7	475	66	113	129	30	71	66	—
Male householder, no wife present .....	1 082	843	228	11	1 888	167	249	523	282	498	169	—
15 to 24 years .....	33	30	3	—	467	56	60	160	66	85	40	—
25 to 34 years .....	217	157	55	5	488	50	81	106	77	142	32	—
35 to 44 years .....	156	145	11	—	301	10	48	87	74	76	6	—
45 to 64 years .....	369	283	86	—	447	38	54	122	43	164	26	—
65 years and over .....	307	228	73	6	185	13	6	48	22	31	65	—
Female householder, no husband present .....	2 306	1 931	342	33	3 587	390	757	923	311	816	386	4
15 to 24 years .....	42	31	11	—	569	47	100	183	83	117	39	—
25 to 34 years .....	172	136	31	5	859	52	195	247	61	250	50	4
35 to 44 years .....	260	208	46	6	411	70	104	85	30	98	24	—
45 to 64 years .....	839	739	83	17	803	118	188	209	70	150	68	—
65 years and over .....	993	817	171	5	945	103	170	199	67	201	205	—
Median age .....	49.8	49.4	53.1	56.1	36.9	42.2	35.8	34.6	35.6	34.9	60.6	32.5
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980 .....	1 422	1 202	196	24	2 978	244	561	932	347	657	233	4
1975 to 1978 .....	3 734	3 335	366	33	3 572	377	762	923	350	835	325	—
1970 to 1974 .....	2 534	2 306	210	18	1 163	124	308	280	51	247	153	—
1960 to 1969 .....	4 181	3 960	194	27	618	108	167	178	82	60	23	—
1959 or earlier .....	5 112	4 421	681	10	631	124	242	212	32	13	8	—
<b>ROOMS</b>												
1 room .....	8	8	—	—	100	7	—	5	32	56	—	—
2 rooms .....	38	28	10	—	469	54	20	63	70	160	102	—
3 rooms .....	154	97	35	22	2 288	88	172	519	314	827	368	—
4 rooms .....	1 865	1 396	403	66	3 247	245	824	942	322	702	208	4
5 rooms .....	4 767	4 066	683	18	1 900	201	739	721	115	60	64	—
6 rooms .....	5 453	5 142	305	6	695	234	213	232	9	7	—	—
7 or more rooms .....	4 698	4 487	211	—	263	148	72	43	—	—	—	—
Median .....	5.8	5.9	5.0	4.0	4.0	5.0	4.5	4.2	3.5	3.3	3.2	4.0
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
Complete plumbing for exclusive use .....	16 901	15 204	1 585	112	8 794	970	2 022	2 499	842	1 732	725	4
0.50 or less .....	9 727	8 654	993	80	5 381	578	1 135	1 485	497	1 121	565	—
0.51 to 1.00 .....	6 902	6 312	558	32	3 131	342	807	935	310	585	152	—
1.01 to 1.50 .....	266	232	34	—	262	44	76	73	35	26	8	—
1.51 or more .....	6	6	—	—	20	6	4	6	—	—	—	4
Lacking complete plumbing for exclusive use .....	82	20	62	—	168	7	18	26	20	80	17	—
0.50 or less .....	49	15	34	—	68	—	13	5	11	29	10	—
0.51 to 1.00 .....	30	5	25	—	80	—	5	15	9	51	—	—
1.01 to 1.50 .....	3	—	3	—	20	7	—	6	—	—	7	—
1.51 or more .....	—	—	—	—	—	—	—	—	—	—	—	—
<b>BEDROOMS</b>												
None .....	13	8	5	—	161	16	—	24	42	67	12	—
1 .....	751	591	147	13	3 145	185	391	724	387	967	491	—
2 .....	4 467	3 586	800	81	4 176	337	1 165	1 351	372	733	214	4
3 .....	9 012	8 425	569	18	1 262	319	423	389	61	45	25	—
4 .....	2 395	2 289	106	—	159	83	46	30	—	—	—	—
5 or more .....	345	325	20	—	59	37	15	7	—	—	—	—
<b>HOUSEHOLD INCOME IN 1979</b>												
Less than \$5,000 .....	713	597	106	10	1 232	162	307	268	137	200	158	—
\$5,000 to \$9,999 .....	1 215	1 005	191	19	1 866	134	365	485	227	421	234	—
\$10,000 to \$12,499 .....	910	777	128	5	1 009	89	202	284	132	221	81	—
\$12,500 to \$14,999 .....	811	666	120	25	834	82	189	262	39	184	74	4
\$15,000 to \$19,999 .....	2 703	2 432	250	21	1 831	203	423	531	139	467	68	—
\$20,000 to \$24,999 .....	2 896	2 608	272	16	935	110	255	277	92	152	49	—
\$25,000 to \$34,999 .....	4 568	4 185	367	16	955	142	255	311	88	120	39	—
\$35,000 to \$49,999 .....	2 321	2 139	182	—	233	39	29	89	8	36	32	—
\$50,000 or more .....	846	815	31	—	67	16	15	18	—	11	7	—
Median .....	\$23 621	\$24 039	\$20 520	\$14 700	\$13 621	\$15 802	\$14 431	\$14 652	\$11 269	\$13 370	\$9 110	\$13 750
Mean .....	\$25 695	\$25 905	\$24 412	\$16 159	\$14 935	\$16 758	\$15 164	\$15 870	\$13 159	\$14 444	\$11 984	\$14 600
<b>SELECTED CHARACTERISTICS</b>												
Heating equipment .....	16 983	15 224	1 647	112	8 945	977	2 040	2 508	862	1 812	742	4
Steam or hot water system .....	9 314	8 513	796	5	3 841	321	988	925	402	839	366	—
Central warm-air furnace or electric heat pump .....	4 647	3 952	593	102	2 201	379	632	553	119	368	146	4
Other built-in electric units .....	1 921	1 824	97	—	1 655	180	81	474	199	523	198	—
Floor, wall, or pipeless furnace .....	127	112	15	—	137	24	21	33	25	13	21	—
Other means .....	974	823	146	5	1 111	73	318	523	117	69	11	—
Air conditioning .....	8 989	8 033	906	50	3 915	377	718	999	255	1 102	460	4
Central system .....	901	708	193	—	344	52	24	137	—	104	27	—
Vehicles available .....	16 421	14 778	1 537	106	7 698	820	1 753	2 288	728	1 613	492	4
1 .....	4 629	3 916	645	68	4 905	426	1 053	1 315	508	1 199	404	—
2 or more .....	11 792	10 862	892	38	2 793	394	700	973	220	414	88	4
House heating fuel .....	16 983	15 224	1 647	112	8 945	977	2 040	2 508	862	1 812	742	4
Utility gas .....	1 727	1 136	591	—	2 040	101	638	918	191	151	41	—
Bottled, tank, or LP gas .....	148	109	13	26	125	18	24	60	15	8	—	—
Electricity .....	2 088	1 981	107	—	2 063	217	98	543	237	680	288	—
Fuel oil, kerosene, etc. ....	12 463	11 456	921	86	4 666	613	1 269	981	419	967	413	4
Other .....	557	542	15	—	51	28	11	6	—	6	—	—
Water heating fuel .....	16 978	15 224	1 642	112	8 949	970	2 040	2 525	862	1 806	742	4
Utility gas .....	2 326	1 501	825	—	2 569	143	868	1 101	250	173	34	—
Bottled, tank, or LP gas .....	369	304	39	26	255	41	82	79	34	6	13	—
Electricity .....	5 772	5 402	290	80	2 934	451	418	684	275	789	313	4
Fuel oil, kerosene, etc. ....	8 489	7 998	485	6	3 171	328	665	661	303	832	382	—
Other .....	22	19	3	—	20	7	7	—	—	6	—	—
Family householder .....	15 098	13 700	1 319	79	5 053	662	1 430	1 522	389	770	276	4
With own children under 18 years .....	7 445	6 846	575	24	2 935	417	886	848	217	458	105	4
With own children under 6 years .....	2 505	2 283	216	6	1 472	152	508	419	104	236	49	4
Female householder, no husband present .....	1 135	959	165	11	1 339	191	375	349	90	248	82	4
With own children under 18 years .....	463	360	92	11	940	134	246	249	62	182	63	4
With own children under 6 years .....	60	43	17	—	353	44	89	92	37	48	39	4
Nonfamily householder .....	1 885	1 524	328	33	3 909	315	610	1 003	473	1 042	466	—
Income in 1979 below poverty level .....	482	420	52	10	1 038	203	270	260	99	107	99	—
Percent below poverty level .....	2.8	2.8	3.2	8.9	11.6	20.8	13.2	10.3	11.5	5.9	13.3	—

Table A—9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

The SMSA	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
<b>Owner-occupied housing units</b> .....	<b>16 983</b>	<b>1 742</b>	<b>5 278</b>	<b>3 525</b>	<b>3 635</b>	<b>1 714</b>	<b>753</b>	<b>286</b>	<b>50</b>	<b>2.92</b>	<b>53 252</b>
Nonrelatives present .....	313	—	100	57	43	55	30	13	15	3.49	1 173
<b>ROOMS</b> .....											
1 to 3 rooms .....	200	113	79	8	—	—	—	—	—	1.38	300
4 rooms .....	1 865	498	946	244	138	14	19	—	6	1.96	4 079
5 rooms .....	4 767	510	1 649	1 040	999	431	102	36	—	2.72	14 251
6 rooms .....	5 453	422	1 643	1 310	1 281	545	169	77	6	3.00	17 126
7 rooms .....	2 840	147	589	654	725	404	231	75	15	3.54	10 014
8 or more rooms .....	1 858	52	372	269	492	320	232	98	23	3.98	7 482
Median .....	5.8	5.0	5.5	5.9	6.0	6.3	6.9	6.9	7.4	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b> .....											
Complete plumbing for exclusive use .....	16 901	1 709	5 255	3 518	3 628	1 705	750	286	50	2.92	52 976
1.00 or less .....	16 629	1 709	5 255	3 518	3 628	1 691	632	173	23	2.88	51 248
1.01 to 1.50 .....	266	—	—	—	—	14	118	113	21	6.51	1 664
1.51 or more .....	6	—	—	—	—	—	—	—	6	8.5+	64
Lacking complete plumbing for exclusive use .....	82	33	23	7	7	9	3	—	—	1.85	276
1.00 or less .....	79	33	23	7	7	9	—	—	—	1.78	240
1.01 to 1.50 .....	3	—	—	—	—	—	3	—	—	6.00	36
1.51 or more .....	—	—	—	—	—	—	—	—	—	—	—
<b>UNITS IN STRUCTURE</b> .....											
1, detached or attached .....	15 224	1 415	4 619	3 243	3 333	1 592	705	267	50	2.99	46 914
2 or more .....	1 647	299	608	256	302	115	48	19	—	2.36	6 074
Mobile home or trailer, etc. ....	112	28	51	26	—	7	—	—	—	2.05	264
<b>VALUE</b> .....											
Specified owner-occupied housing units .....	14 417	1 314	4 423	3 056	3 203	1 459	665	256	41	2.98	43 885
Less than \$10,000 .....	6	—	—	6	—	—	—	—	—	3.00	21
\$10,000 to \$19,999 .....	144	42	47	25	26	4	—	—	—	2.14	318
\$20,000 to \$29,999 .....	427	96	209	30	61	31	—	—	—	2.06	804
\$30,000 to \$39,999 .....	1 504	303	543	301	238	81	23	15	—	2.33	3 452
\$40,000 to \$49,999 .....	2 943	329	1 023	626	546	208	142	62	7	2.69	8 542
\$50,000 to \$59,999 .....	3 570	272	1 087	873	780	363	148	47	—	2.99	10 825
\$60,000 to \$79,999 .....	4 268	237	1 178	878	1 063	576	240	82	14	3.32	14 041
\$80,000 to \$99,999 .....	1 012	19	205	237	299	127	64	41	20	3.65	3 683
\$100,000 to \$149,999 .....	467	11	119	67	179	44	42	5	—	3.70	1 878
\$150,000 or more .....	76	5	12	13	11	25	6	4	—	4.23	321
Median .....	\$54 900	\$45 500	\$52 800	\$55 100	\$59 200	\$60 900	\$61 300	\$60 700	\$64 800	...	...
<b>SELECTED CHARACTERISTICS</b> .....											
All income levels in 1979 .....	16 983	1 742	5 278	3 525	3 635	1 714	753	286	50	2.92	53 252
Median income .....	\$23 621	\$9 603	\$20 785	\$24 813	\$27 127	\$28 730	\$29 399	\$33 793	\$56 250	...	...
Median selected monthly owner costs as percentage of household income .....	17.8	29.5	17.4	16.6	17.5	17.5	16.7	15.8	13.0	...	...
With a mortgage .....	19.3	31.1	19.9	18.9	18.9	18.3	17.4	16.3	13.0	...	...
Not mortgaged .....	13.8	28.3	14.6	10.8	10—	10—	10—	12.5	—	...	...
Income in 1979 below poverty level .....	482	179	138	68	61	29	7	—	—	1.95	...
Median income .....	\$2 844	\$2500—	\$2500—	\$4 375	\$4 345	\$3 828	\$6 250	—	—	...	...
Median selected monthly owner costs as percentage of household income .....	50+	50+	50+	50+	50+	50+	37.5	—	—	...	...
With a mortgage .....	50+	50+	50+	50+	50+	50+	37.5	—	—	...	...
Not mortgaged .....	50+	50+	50+	50+	50+	—	—	—	—	...	...
<b>Renter-occupied housing units</b> .....	<b>8 962</b>	<b>3 378</b>	<b>2 623</b>	<b>1 319</b>	<b>996</b>	<b>393</b>	<b>156</b>	<b>84</b>	<b>13</b>	<b>1.92</b>	<b>19 876</b>
Nonrelatives present .....	842	—	477	150	122	48	30	7	8	2.38	2 338
<b>ROOMS</b> .....											
1 room .....	100	100	—	—	—	—	—	—	—	1.00	81
2 rooms .....	469	391	67	5	6	—	—	—	—	1.10	542
3 rooms .....	2 288	1 613	579	83	7	6	—	—	—	1.21	3 032
4 rooms .....	3 247	758	1 234	721	409	94	23	8	—	2.20	7 504
5 rooms .....	1 900	411	558	339	330	139	93	30	—	2.47	5 288
6 rooms .....	695	98	126	121	188	127	18	17	—	3.51	2 317
7 or more rooms .....	263	7	59	50	56	27	22	29	13	3.78	1 112
Median .....	4.0	3.2	4.0	4.3	4.7	5.2	5.1	5.7	8.0	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b> .....											
Complete plumbing for exclusive use .....	8 794	3 283	2 598	1 306	981	393	136	84	13	1.93	19 528
1.00 or less .....	8 512	3 283	2 598	1 301	968	293	40	29	—	1.87	17 822
1.01 to 1.50 .....	262	—	—	5	7	94	96	47	13	5.76	1 568
1.51 or more .....	20	—	—	—	6	6	—	8	—	5.17	138
Lacking complete plumbing for exclusive use .....	168	95	25	13	15	—	20	—	—	1.38	348
1.00 or less .....	148	95	25	13	15	—	—	—	—	1.28	228
1.01 to 1.50 .....	20	—	—	—	—	—	20	—	—	6.00	120
1.51 or more .....	—	—	—	—	—	—	—	—	—	—	—
<b>UNITS IN STRUCTURE</b> .....											
1, detached or attached .....	977	271	256	153	101	118	32	38	8	2.35	2 780
2 .....	2 040	547	581	381	359	110	29	28	5	2.31	5 234
3 and 4 .....	2 525	820	796	399	348	86	68	8	—	2.06	5 702
5 to 9 .....	862	391	255	120	54	24	12	6	—	1.66	1 669
10 to 49 .....	1 812	920	491	234	134	33	—	—	—	1.48	3 287
50 or more .....	742	429	244	32	—	22	15	—	—	1.36	1 153
Mobile home or trailer, etc. ....	4	—	—	—	—	—	—	4	—	7.00	51
<b>GROSS RENT</b> .....											
Specified renter-occupied housing units .....	8 886	3 346	2 614	1 309	981	390	156	77	13	1.92	19 633
Less than \$100 .....	583	430	88	59	6	—	—	—	—	1.18	720
\$100 to \$149 .....	593	418	88	55	9	9	14	—	—	1.21	881
\$150 to \$199 .....	1 367	688	426	127	75	38	5	8	—	1.49	2 393
\$200 to \$249 .....	2 152	831	703	259	232	95	28	4	—	1.85	4 632
\$250 to \$299 .....	2 099	577	711	381	303	58	26	35	8	2.16	4 961
\$300 to \$349 .....	1 096	231	369	192	168	106	13	12	5	2.36	2 893
\$350 to \$399 .....	374	41	75	126	71	28	26	7	—	3.06	1 264
\$400 to \$499 .....	299	19	55	67	76	41	34	7	—	3.61	1 039
\$500 or more .....	85	14	14	7	30	10	10	—	—	3.75	334
No cash rent .....	238	97	85	36	11	5	—	4	—	1.76	516
Median .....	\$242	\$206	\$247	\$269	\$277	\$290	\$319	\$285	\$270	...	...
<b>SELECTED CHARACTERISTICS</b> .....											
All income levels in 1979 .....	8 962	3 378	2 623	1 319	996	393	156	84	13	1.92	19 876
Median income .....	\$13 621	\$9 406	\$15 929	\$16 153	\$18 091	\$18 880	\$17 778	\$17 632	\$14 531	...	...
Median gross rent as percentage of household income .....	21.3	23.6	19.6	20.6	18.7	21.6	21.9	18.3	20.9	...	...
Income in 1979 below poverty level .....	1 038	376	214	187	107	57	63	26	8	2.17	...
Median income .....	\$3 374	\$2500—	\$3 279	\$3 984	\$4 911	\$5 043	\$7 019	\$2500—	\$13 750	...	...
Median gross rent as percentage of household income .....	50+	50+	50+	45.3	50+	48.1	44.2	50+	22.5	...	...

Table A — 10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

The SMSA																	
Owner-occupied housing units																	
PERSONS IN UNIT																	
1 person																	
2 persons																	
3 persons																	
4 persons																	
5 persons																	
6 or more persons																	
Median																	
Total persons																	
49.8																	
PLUMBING FACILITIES BY PERSONS PER ROOM																	
Complete plumbing for exclusive use																	
1.01 or more persons per room																	
Locking complete plumbing for exclusive use																	
1.01 or more persons per room																	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																	
Specified owner-occupied housing units																	
With a mortgage																	
Less than 15 percent																	
15 to 19 percent																	
20 to 24 percent																	
25 to 29 percent																	
30 to 34 percent																	
35 percent or more																	
Not computed																	
Median																	
Not mortgaged																	
Less than 10 percent																	
10 to 14 percent																	
15 to 19 percent																	
20 to 24 percent																	
25 to 29 percent																	
30 to 34 percent																	
35 percent or more																	
Not computed																	
Median																	
Renter-occupied housing units																	
PERSONS IN UNIT																	
1 person																	
2 persons																	
3 persons																	
4 persons																	
5 persons																	
6 or more persons																	
Median																	
Total persons																	
85.1																	
PLUMBING FACILITIES BY PERSONS PER ROOM																	
Complete plumbing for exclusive use																	
1.01 or more persons per room																	
Locking complete plumbing for exclusive use																	
1.01 or more persons per room																	
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																	
Specified renter-occupied housing units																	
Less than 15 percent																	
15 to 19 percent																	
20 to 24 percent																	
25 to 29 percent																	
30 to 34 percent																	
35 to 49 percent																	
50 percent or more																	
Not computed																	
Median																	

Table A-11. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA

	Total	Male householder						Female householder					
		Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over
<b>Owner-occupied housing units</b> .....	<b>1 742</b>	<b>639</b>	<b>17</b>	<b>137</b>	<b>80</b>	<b>189</b>	<b>216</b>	<b>1 103</b>	<b>31</b>	<b>35</b>	<b>19</b>	<b>357</b>	<b>661</b>
<b>PLUMBING FACILITIES</b>													
Complete plumbing for exclusive use .....	1 709	634	17	137	80	184	216	1 075	25	35	19	357	639
Lacking complete plumbing for exclusive use .....	33	5	—	—	—	5	—	28	6	—	—	—	22
<b>UNITS IN STRUCTURE</b>													
1, detached or attached .....	1 415	505	14	98	74	153	166	910	25	25	12	314	534
2 or more .....	299	128	3	39	6	36	44	171	6	10	7	26	122
Mobile home or trailer, etc. ....	28	6	—	—	—	—	6	22	—	—	—	17	5
<b>HOUSEHOLD INCOME IN 1979</b>													
Less than \$5,000 .....	465	100	—	—	7	12	81	365	7	—	—	50	308
\$5,000 to \$9,999 .....	440	101	—	8	11	18	64	339	6	—	—	102	231
\$10,000 to \$12,499 .....	248	101	9	16	9	36	31	147	5	18	6	81	37
\$12,500 to \$14,999 .....	157	73	—	19	—	30	24	84	—	4	7	40	33
\$15,000 to \$19,999 .....	250	137	5	49	30	46	7	113	13	7	6	64	23
\$20,000 to \$24,999 .....	100	58	3	30	5	20	—	42	—	6	—	20	16
\$25,000 to \$34,999 .....	56	49	—	10	12	18	9	7	—	—	—	—	7
\$35,000 to \$49,999 .....	22	16	—	5	6	5	—	6	—	—	—	—	6
\$50,000 or more .....	4	4	—	—	—	4	—	—	—	—	—	—	—
Median .....	\$9 603	\$13 099	\$12 361	\$17 824	\$16 806	\$14 875	\$7 045	\$7 556	\$11 250	\$12 431	\$13 750	\$10 818	\$5 414
Mean .....	\$10 872	\$14 335	\$15 289	\$18 300	\$16 952	\$16 793	\$8 624	\$8 866	\$10 865	\$14 590	\$14 840	\$10 728	\$7 291
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS</b>													
<b>Specified owner-occupied housing units</b> .....	<b>1 314</b>	<b>472</b>	<b>5</b>	<b>98</b>	<b>74</b>	<b>137</b>	<b>158</b>	<b>842</b>	<b>20</b>	<b>19</b>	<b>12</b>	<b>280</b>	<b>511</b>
<b>With a mortgage</b> .....	<b>508</b>	<b>260</b>	<b>5</b>	<b>98</b>	<b>38</b>	<b>92</b>	<b>27</b>	<b>248</b>	<b>20</b>	<b>19</b>	<b>6</b>	<b>132</b>	<b>71</b>
Less than \$200 .....	37	19	—	—	5	—	14	18	—	—	—	—	18
\$200 to \$249 .....	78	42	—	—	5	30	7	36	—	—	—	36	—
\$250 to \$299 .....	87	17	—	—	5	6	6	70	—	—	6	47	17
\$300 to \$349 .....	53	26	—	5	6	15	—	27	—	—	—	16	11
\$350 to \$399 .....	88	48	—	29	6	13	—	40	8	19	—	13	—
\$400 to \$499 .....	99	64	—	52	—	12	—	35	7	—	—	14	14
\$500 to \$599 .....	36	19	—	6	6	7	—	17	5	—	—	6	6
\$600 to \$749 .....	20	15	5	—	5	5	—	5	—	—	—	—	5
\$750 or more .....	10	10	—	6	—	4	—	—	—	—	—	—	—
Median .....	\$349	\$377	\$675	\$424	\$333	\$333	\$198	\$300	\$464	\$375	\$275	\$282	\$302
<b>Not mortgaged</b> .....	<b>806</b>	<b>212</b>	<b>—</b>	<b>—</b>	<b>36</b>	<b>45</b>	<b>131</b>	<b>594</b>	<b>—</b>	<b>—</b>	<b>6</b>	<b>148</b>	<b>440</b>
Less than \$50 .....	—	—	—	—	—	—	—	—	—	—	—	—	—
\$50 to \$74 .....	6	6	—	—	6	—	—	—	—	—	—	—	—
\$75 to \$99 .....	44	19	—	—	—	8	11	25	—	—	—	—	25
\$100 to \$124 .....	133	34	—	—	7	7	20	99	—	—	—	21	78
\$125 to \$149 .....	146	48	—	—	14	7	27	98	—	—	—	22	76
\$150 to \$199 .....	305	56	—	—	9	—	47	249	—	—	6	69	174
\$200 to \$249 .....	140	44	—	—	—	18	26	96	—	—	—	26	70
\$250 or more .....	32	5	—	—	—	5	—	27	—	—	—	10	17
Median .....	\$162	\$149	—	—	\$134	\$201	\$158	\$165	—	—	\$175	\$172	\$162
<b>SELECTED CHARACTERISTICS</b>													
Median selected monthly owner costs as percentage of household income in 1979 .....	29.5	26.1	45.0	31.9	22.3	21.0	28.8	31.2	37.0	36.8	17.5	24.6	34.9
With a mortgage .....	31.1	30.0	45.0	31.9	27.5	25.0	50+	35.5	37.0	36.8	17.5	27.3	45.0
Not mortgaged .....	28.3	20.2	—	—	13.3	12.9	26.0	30.6	—	—	17.5	19.5	33.1
Income in 1979 below poverty level .....	179	39	—	—	7	6	26	140	7	—	—	37	96
Percent below poverty level .....	10.3	6.1	—	—	8.8	3.2	12.0	12.7	22.6	—	—	10.4	14.5
<b>Renter-occupied housing units</b> .....	<b>3 378</b>	<b>1 339</b>	<b>221</b>	<b>346</b>	<b>208</b>	<b>391</b>	<b>173</b>	<b>2 039</b>	<b>226</b>	<b>357</b>	<b>128</b>	<b>476</b>	<b>852</b>
<b>PLUMBING FACILITIES</b>													
Complete plumbing for exclusive use .....	3 283	1 261	206	335	208	349	163	2 022	226	352	128	470	846
Lacking complete plumbing for exclusive use .....	95	78	15	11	—	42	10	17	—	5	—	6	6
<b>UNITS IN STRUCTURE</b>													
1, detached or attached .....	271	93	26	26	—	28	13	178	4	27	7	50	90
2 .....	547	177	35	59	36	41	6	370	40	60	27	100	143
3 and 4 .....	820	319	70	78	41	94	36	501	87	84	26	132	172
5 to 9 .....	391	192	31	41	55	43	22	199	44	25	19	51	60
10 to 49 .....	920	427	52	115	70	159	31	493	44	130	30	100	189
50 or more .....	429	131	7	27	6	26	65	298	7	31	19	43	198
Mobile home or trailer, etc. ....	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>HOUSEHOLD INCOME IN 1979</b>													
Less than \$5,000 .....	774	129	18	13	17	21	60	645	15	18	15	158	439
\$5,000 to \$9,999 .....	1 038	344	82	56	35	87	84	694	128	100	25	154	287
\$10,000 to \$12,499 .....	431	159	66	41	11	35	6	272	31	103	40	62	36
\$12,500 to \$14,999 .....	335	162	17	74	18	53	—	173	11	69	18	22	53
\$15,000 to \$19,999 .....	553	347	22	147	58	97	23	206	36	62	30	58	20
\$20,000 to \$24,999 .....	125	98	16	5	37	40	—	27	—	5	—	16	6
\$25,000 to \$34,999 .....	80	74	—	10	32	32	—	6	—	—	—	—	6
\$35,000 to \$49,999 .....	24	8	—	—	—	8	—	16	5	—	—	6	5
\$50,000 or more .....	18	18	—	—	—	18	—	—	—	—	—	—	—
Median .....	\$9 406	\$13 079	\$10 398	\$14 628	\$16 474	\$14 976	\$6 352	\$7 519	\$9 026	\$11 468	\$11 500	\$7 658	\$4 905
Mean .....	\$10 774	\$14 180	\$10 509	\$13 968	\$16 158	\$18 502	\$7 146	\$8 537	\$10 503	\$11 565	\$10 989	\$8 838	\$6 211
<b>GROSS RENT</b>													
<b>Specified renter-occupied housing units</b> .....	<b>3 346</b>	<b>1 317</b>	<b>216</b>	<b>332</b>	<b>208</b>	<b>388</b>	<b>173</b>	<b>2 029</b>	<b>226</b>	<b>357</b>	<b>128</b>	<b>476</b>	<b>842</b>
Less than \$100 .....	430	67	10	—	13	24	20	363	—	11	9	64	279
\$100 to \$149 .....	418	163	18	12	17	78	38	255	42	6	—	49	158
\$150 to \$199 .....	688	288	27	85	49	93	34	400	55	92	12	114	127
\$200 to \$249 .....	831	378	94	113	68	78	25	453	76	134	49	105	89
\$250 to \$299 .....	577	293	61	98	48	72	14	284	32	69	52	59	72
\$300 to \$349 .....	231	57	6	19	—	12	20	174	15	26	6	46	81
\$350 to \$399 .....	41	15	—	—	9	6	—	26	—	15	—	—	11
\$400 to \$499 .....	19	9	—	5	4	—	—	10	6	4	—	—	—
\$500 or more .....	14	14	—	—	—	7	7	—	—	—	—	—	—
No cash rent .....	97	33	—	—	—	18	15	64	—	—	—	39	25
Median .....	\$206	\$220	\$236	\$233	\$217	\$198	\$185	\$194	\$211	\$229	\$242	\$189	\$132
<b>SELECTED CHARACTERISTICS</b>													
Median gross rent as percentage of household income in 1979 .....	23.6	19.2	27.1	19.6	16.0	15.6	33.2	25.4	24.2	23.7	25.1	28.3	26.7
Income in 1979 below poverty level .....	376	59	5	13	10	13	18	317	15	10	15	123	154
Percent below poverty level .....	11.1	4.4	2.3	3.8	4.8	3.3	10.4	15.5	6.6	2.8	11.7	25.8	18.1

Table A—12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA					The SMSA				
	Total	Less than 2 months	2 up to 6 months	6 or more months		Total	Less than 2 months	2 up to 6 months	6 or more months
<b>Vacant for sale only housing units</b> .....	121	45	73	3	<b>Vacant for rent housing units</b> .....	245	137	108	—
<b>ROOMS</b>					<b>ROOMS</b>				
1 to 3 rooms .....	—	—	—	—	1 room .....	21	7	14	—
4 rooms .....	33	9	24	—	2 rooms .....	31	22	9	—
5 rooms .....	34	7	24	—	3 rooms .....	39	30	9	—
6 rooms .....	21	6	15	—	4 rooms .....	78	52	26	—
7 rooms .....	—	—	—	—	5 rooms .....	31	20	11	—
8 or more rooms .....	33	23	10	—	6 rooms .....	33	6	27	—
Median .....	5.3	7.6	5.0	5.0	7 or more rooms .....	12	—	12	—
					Median .....	3.9	3.7	4.3	—
<b>PLUMBING FACILITIES</b>					<b>PLUMBING FACILITIES</b>				
Complete plumbing for exclusive use .....	116	45	68	3	Complete plumbing for exclusive use .....	236	128	108	—
Lacking complete plumbing for exclusive use .....	5	—	5	—	Lacking complete plumbing for exclusive use .....	9	9	—	—
<b>BEDROOMS</b>					<b>BEDROOMS</b>				
None .....	—	—	—	—	None .....	21	7	14	—
1 .....	6	6	—	—	1 .....	101	83	18	—
2 .....	67	12	52	—	2 .....	75	41	34	—
3 .....	33	19	14	—	3 .....	48	6	42	—
4 .....	15	8	7	—	4 .....	—	—	—	—
5 or more .....	—	—	—	—	5 or more .....	—	—	—	—
<b>YEAR STRUCTURE BUILT</b>					<b>YEAR STRUCTURE BUILT</b>				
1975 to March 1980 .....	54	26	25	3	1975 to March 1980 .....	5	—	5	—
1970 to 1974 .....	—	—	—	—	1970 to 1974 .....	53	25	28	—
1960 to 1969 .....	—	—	—	—	1960 to 1969 .....	47	33	14	—
1950 to 1959 .....	21	6	15	—	1950 to 1959 .....	—	—	—	—
1940 to 1949 .....	11	4	7	—	1940 to 1949 .....	17	17	—	—
1939 or earlier .....	35	9	26	—	1939 or earlier .....	123	62	61	—
<b>UNITS IN STRUCTURE</b>					<b>UNITS IN STRUCTURE</b>				
1, detached or attached .....	90	30	57	3	1, detached or attached .....	69	28	41	—
2 or more .....	31	15	16	—	2 .....	24	5	19	—
Mobile home or trailer .....	—	—	—	—	3 and 4 .....	53	37	16	—
<b>HEATING EQUIPMENT</b>					5 to 9 .....	37	37	—	—
Central heating system .....	102	31	68	3	10 to 49 .....	53	21	32	—
Other means .....	14	14	—	—	50 or more .....	9	9	—	—
None .....	5	—	5	—	Mobile home or trailer .....	—	—	—	—
<b>PRICE ASKED</b>					<b>RENT ASKED</b>				
Specified vacant for sale only housing units .....	90	30	57	3	Specified vacant for rent housing units .....	245	137	108	—
Less than \$10,000 .....	—	—	—	—	Less than \$100 .....	18	18	—	—
\$10,000 to \$19,999 .....	4	4	—	—	\$100 to \$149 .....	50	19	31	—
\$20,000 to \$29,999 .....	—	—	—	—	\$150 to \$199 .....	35	24	11	—
\$30,000 to \$39,999 .....	16	—	16	—	\$200 to \$249 .....	87	40	47	—
\$40,000 to \$49,999 .....	14	—	14	—	\$250 to \$299 .....	46	34	12	—
\$50,000 to \$59,999 .....	22	—	22	—	\$300 to \$399 .....	9	2	7	—
\$60,000 to \$79,999 .....	6	3	—	—	\$400 or more .....	—	—	—	—
\$80,000 to \$99,999 .....	5	—	5	—	Median .....	—	—	—	—
\$100,000 or more .....	23	23	—	—		\$208	\$208	\$207	—
Median .....	\$54 200	\$109 100	\$44 500	\$62 500					

Table A—13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Price asked—Specified vacant for sale only housing units								Rent asked—Specified vacant for rent housing units							
	Total	Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Median (dollars)		Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more	Median (dollars)
<b>The SMSA</b>															
<b>Total</b> .....	90	—	4	30	33	23	54 200		245	18	85	133	9	—	208
<b>PLUMBING FACILITIES</b>															
Complete plumbing for exclusive use .....	85	—	4	30	28	23	55 300		236	18	76	133	9	—	209
Lacking complete plumbing for exclusive use .....	5	—	—	—	5	—	52 500		9	—	9	—	—	—	125
<b>BEDROOMS</b>															
None .....	—	—	—	—	—	—	—		21	—	21	—	—	—	148
1 .....	—	—	—	—	—	—	—		101	18	36	47	—	—	184
2 .....	42	—	—	21	21	—	47 500		75	—	20	53	2	—	212
3 .....	33	—	4	9	5	15	58 500		48	—	8	33	7	—	219
4 .....	15	—	—	—	7	8	101 600		—	—	—	—	—	—	—
5 or more .....	—	—	—	—	—	—	—		—	—	—	—	—	—	—
<b>YEAR STRUCTURE BUILT</b>															
1975 to March 1980 .....	54	—	—	5	26	23	63 300		5	—	5	—	—	—	118
1970 to 1974 .....	—	—	—	—	—	—	—		53	—	21	32	—	—	205
1960 to 1969 .....	—	—	—	—	—	—	—		47	18	14	15	—	—	161
1950 to 1959 .....	9	—	—	9	—	—	42 500		—	—	—	—	—	—	—
1940 to 1949 .....	11	—	4	7	—	—	31 100		17	—	—	17	—	—	288
1939 or earlier .....	16	—	—	9	7	—	34 400		123	—	45	69	9	—	212
<b>UNITS IN STRUCTURE</b>															
1, detached or attached .....	90	—	4	30	33	23	54 200		69	—	14	53	2	—	224
2 or more .....	—	—	—	—	—	—	—		176	18	71	80	7	—	189
Mobile home or trailer .....	—	—	—	—	—	—	—		—	—	—	—	—	—	—



Table B-1. Value of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Bristol	Total	Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 or more	Median (dollars)	Mean (dollars)
<b>Specified owner-occupied housing units</b> .....	<b>10 687</b>	<b>-</b>	<b>92</b>	<b>252</b>	<b>1 171</b>	<b>2 240</b>	<b>2 706</b>	<b>3 288</b>	<b>630</b>	<b>262</b>	<b>46</b>	<b>54 800</b>	<b>57 800</b>
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>													
<b>Married-couple families</b> .....	<b>8 787</b>	<b>-</b>	<b>50</b>	<b>180</b>	<b>805</b>	<b>1 800</b>	<b>2 248</b>	<b>2 880</b>	<b>552</b>	<b>232</b>	<b>40</b>	<b>56 100</b>	<b>59 100</b>
15 to 24 years .....	147	-	-	-	6	36	65	40	-	-	-	54 300	55 100
25 to 34 years .....	1 646	-	-	-	126	344	465	586	88	37	-	57 400	59 200
35 to 44 years .....	1 884	-	7	16	97	292	431	762	192	58	29	62 200	65 300
45 to 64 years .....	3 903	-	27	85	397	887	950	1 185	259	108	5	54 400	58 000
65 years and over .....	1 207	-	16	79	179	241	337	307	13	29	6	52 100	53 000
<b>Male householder, no wife present</b> .....	<b>502</b>	<b>-</b>	<b>7</b>	<b>14</b>	<b>119</b>	<b>130</b>	<b>88</b>	<b>118</b>	<b>15</b>	<b>5</b>	<b>6</b>	<b>47 900</b>	<b>53 000</b>
15 to 24 years .....	6	-	-	-	-	6	-	-	-	-	-	42 500	42 500
25 to 34 years .....	92	-	-	-	7	27	14	37	7	-	-	58 600	56 400
35 to 44 years .....	96	-	-	7	23	26	29	5	-	-	6	47 100	58 100
45 to 64 years .....	148	-	7	34	21	22	51	8	5	-	-	56 200	56 700
65 years and over .....	160	-	-	7	55	50	23	25	-	-	-	42 300	45 100
<b>Female householder, no husband present</b> .....	<b>1 398</b>	<b>-</b>	<b>35</b>	<b>58</b>	<b>247</b>	<b>310</b>	<b>370</b>	<b>290</b>	<b>63</b>	<b>25</b>	<b>-</b>	<b>51 000</b>	<b>51 600</b>
15 to 24 years .....	19	-	8	-	-	6	-	5	-	-	-	46 300	38 300
25 to 34 years .....	77	-	-	-	7	8	43	7	12	-	-	55 600	57 500
35 to 44 years .....	132	-	-	-	27	42	27	17	19	-	-	49 200	55 400
45 to 64 years .....	536	-	7	51	68	109	130	153	13	5	-	52 000	51 100
65 years and over .....	634	-	20	7	145	145	170	108	19	20	-	50 000	51 000
<b>Median age</b> .....	<b>50.7</b>	<b>-</b>	<b>61.9</b>	<b>62.2</b>	<b>59.7</b>	<b>51.3</b>	<b>50.7</b>	<b>47.4</b>	<b>44.8</b>	<b>51.0</b>	<b>41.3</b>	<b>...</b>	<b>...</b>
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>													
1979 to March 1980 .....	703	-	9	-	37	130	180	270	59	18	-	59 700	60 700
1975 to 1978 .....	2 227	-	8	-	223	506	556	701	170	41	22	56 800	59 800
1970 to 1974 .....	1 561	-	-	21	97	242	393	644	136	15	13	60 600	62 300
1960 to 1969 .....	2 950	-	33	84	237	639	709	906	191	140	11	56 300	59 800
1959 or earlier .....	3 246	-	42	147	577	723	868	767	74	48	-	51 100	51 800
<b>ROOMS</b>													
1 to 3 rooms .....	64	-	-	10	8	21	25	-	-	-	-	47 500	43 900
4 rooms .....	937	-	41	45	355	245	155	82	7	7	-	40 900	42 900
5 rooms .....	2 943	-	27	95	371	789	945	668	42	6	-	51 700	51 600
6 rooms .....	3 705	-	24	72	276	846	993	1 287	177	25	5	54 800	56 900
7 rooms .....	1 781	-	-	19	88	241	454	771	128	80	-	62 000	64 000
8 or more rooms .....	1 257	-	-	11	73	98	134	480	276	144	41	74 500	78 200
<b>Median</b> .....	<b>5.9</b>	<b>-</b>	<b>4.7</b>	<b>5.2</b>	<b>5.1</b>	<b>5.6</b>	<b>5.7</b>	<b>6.2</b>	<b>7.2</b>	<b>7.7</b>	<b>8.5+</b>	<b>...</b>	<b>...</b>
<b>BEDROOMS</b>													
None .....	8	-	-	-	-	8	-	-	-	-	-	47 500	47 500
1 .....	379	-	19	41	86	79	96	44	7	7	-	45 100	45 800
2 .....	2 582	-	45	90	525	681	605	536	78	16	6	49 200	50 600
3 .....	5 855	-	28	110	421	1 148	1 641	2 057	334	111	5	56 600	58 600
4 .....	1 622	-	-	-	132	296	330	575	164	96	29	61 200	66 200
5 or more .....	241	-	-	11	7	28	34	76	47	32	6	73 100	78 000
<b>YEAR STRUCTURE BUILT</b>													
1975 to March 1980 .....	647	-	-	-	21	24	120	317	100	49	16	68 500	74 500
1970 to 1974 .....	827	-	-	-	-	42	189	464	116	9	7	65 100	68 500
1960 to 1969 .....	2 596	-	9	47	104	358	665	1 040	244	118	11	61 800	64 100
1950 to 1959 .....	2 779	-	-	39	291	617	864	809	126	27	6	54 500	56 500
1940 to 1949 .....	1 790	-	39	65	351	537	461	291	30	16	-	48 100	48 900
1939 or earlier .....	2 048	-	44	101	404	662	407	367	14	43	6	46 500	49 900
<b>HOUSEHOLD INCOME IN 1979</b>													
Less than \$5,000 .....	407	-	-	22	118	134	83	40	10	-	-	43 200	45 500
\$5,000 to \$9,999 .....	743	-	50	83	76	171	226	126	-	11	-	49 500	47 400
\$10,000 to \$12,499 .....	568	-	-	13	121	186	109	112	20	7	-	46 900	50 500
\$12,500 to \$14,999 .....	455	-	-	47	105	64	136	103	-	-	-	50 800	49 000
\$15,000 to \$19,999 .....	1 771	-	8	52	211	488	476	450	66	20	-	52 400	53 900
\$20,000 to \$24,999 .....	1 825	-	25	7	211	347	569	551	86	23	6	54 500	56 700
\$25,000 to \$34,999 .....	2 752	-	9	28	201	578	629	1 060	207	40	-	58 300	59 600
\$35,000 to \$49,999 .....	1 601	-	-	-	101	231	382	627	168	75	17	62 100	65 500
\$50,000 or more .....	565	-	-	-	27	41	96	219	73	86	23	69 400	80 200
<b>Median</b> .....	<b>\$23 763</b>	<b>-</b>	<b>\$9 714</b>	<b>\$12 926</b>	<b>\$19 044</b>	<b>\$20 972</b>	<b>\$22 887</b>	<b>\$27 127</b>	<b>\$30 946</b>	<b>\$38 153</b>	<b>\$50 000</b>	<b>...</b>	<b>...</b>
<b>Mean</b> .....	<b>\$25 897</b>	<b>-</b>	<b>\$14 065</b>	<b>\$13 474</b>	<b>\$20 390</b>	<b>\$22 750</b>	<b>\$24 226</b>	<b>\$28 585</b>	<b>\$34 119</b>	<b>\$49 506</b>	<b>\$70 203</b>	<b>...</b>	<b>...</b>
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>													
<b>With a mortgage</b> .....	<b>7 281</b>	<b>-</b>	<b>48</b>	<b>104</b>	<b>542</b>	<b>1 508</b>	<b>1 899</b>	<b>2 447</b>	<b>534</b>	<b>165</b>	<b>34</b>	<b>57 100</b>	<b>59 700</b>
Less than 15 percent .....	2 263	-	34	31	219	490	541	730	162	52	4	55 000	58 200
15 to 19 percent .....	1 754	-	-	12	93	311	519	663	123	27	6	58 700	60 600
20 to 24 percent .....	1 152	-	-	30	92	274	349	349	92	42	6	55 400	59 800
25 to 29 percent .....	920	-	8	-	85	201	230	294	75	21	6	57 200	60 400
30 to 34 percent .....	496	-	6	15	21	88	120	173	53	14	6	59 800	62 200
35 percent or more .....	688	-	-	16	32	144	214	238	29	9	6	56 800	59 500
Not computed .....	8	-	-	-	-	-	-	-	-	-	-	57 500	57 500
<b>Median</b> .....	<b>18.9</b>	<b>-</b>	<b>13.0</b>	<b>21.5</b>	<b>17.8</b>	<b>19.2</b>	<b>18.9</b>	<b>18.7</b>	<b>19.3</b>	<b>20.4</b>	<b>25.8</b>	<b>...</b>	<b>...</b>
<b>Not mortgaged</b> .....	<b>3 406</b>	<b>-</b>	<b>44</b>	<b>148</b>	<b>629</b>	<b>732</b>	<b>807</b>	<b>841</b>	<b>96</b>	<b>97</b>	<b>12</b>	<b>51 400</b>	<b>53 700</b>
Less than 10 percent .....	1 007	-	-	7	162	134	256	354	27	55	12	55 700	61 700
10 to 14 percent .....	821	-	-	20	135	224	195	180	49	18	-	51 400	54 100
15 to 19 percent .....	609	-	10	40	105	169	102	170	7	6	-	48 300	50 500
20 to 24 percent .....	215	-	19	16	54	31	70	18	-	7	-	43 900	45 300
25 to 29 percent .....	223	-	7	23	48	49	63	19	7	7	-	46 800	48 700
30 to 34 percent .....	170	-	8	10	51	11	44	40	6	-	-	50 800	48 600
35 percent or more .....	338	-	-	32	64	107	77	54	-	4	-	45 100	46 900
Not computed .....	23	-	-	-	10	7	-	6	-	-	-	41 100	43 400
<b>Median</b> .....	<b>14.2</b>	<b>-</b>	<b>23.2</b>	<b>22.2</b>	<b>15.6</b>	<b>15.1</b>	<b>13.8</b>	<b>11.8</b>	<b>12.1</b>	<b>10-</b>	<b>10-</b>	<b>...</b>	<b>...</b>
<b>SELECTED CHARACTERISTICS</b>													
<b>Complete plumbing for exclusive use</b> .....	<b>10 672</b>	<b>-</b>	<b>86</b>	<b>252</b>	<b>1 162</b>	<b>2 240</b>	<b>2 706</b>	<b>3 288</b>	<b>630</b>	<b>262</b>	<b>46</b>	<b>54 800</b>	<b>57 800</b>
1.01 or more persons per room .....	145	-	-	-	15	50	32	41	7	-	-	53 100	53 400
<b>Lacking complete plumbing for exclusive use</b> .....	<b>15</b>	<b>-</b>	<b>6</b>	<b>-</b>	<b>9</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>35 800</b>	<b>29 000</b>
1.01 or more persons per room .....	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Heating equipment</b> .....	<b>10 687</b>	<b>-</b>	<b>92</b>	<b>252</b>	<b>1 171</b>	<b>2 240</b>	<b>2 706</b>	<b>3 288</b>	<b>630</b>	<b>262</b>	<b>46</b>	<b>54 800</b>	<b>57 800</b>
Central heating system .....	10 208	-	70	239	1 107	2 155	2 607	3 147	575	262	46	54 800	57 900
<b>Air conditioning</b> .....	<b>6 094</b>	<b>-</b>	<b>51</b>	<b>80</b>	<b>614</b>	<b>1 272</b>	<b>1 585</b>	<b>1 964</b>	<b>359</b>	<b>147</b>	<b>22</b>	<b>55 500</b>	<b>58 500</b>
Central system .....	471	-	7	-	39	40	46	175	73	75	16	70 800	78 300
<b>Income in 1979 below poverty level</b> .....	<b>269</b>	<b>-</b>	<b>-</b>	<b>22</b>	<b>62</b>	<b>65</b>	<b>73</b>	<b>37</b>	<b>10</b>	<b>-</b>	<b>-</b>	<b>45 000</b>	<b>47 500</b>
Percent below poverty level .....	2.5	-	-	8.7	5.3	2.9	2.7	1.1	1.6	-	-	...	...

Table B—2. Gross Rent of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Bristol	Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)
Specified renter-occupied housing units .....	7 973	531	550	1 205	1 965	1 911	982	330	272	75	152	242
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
Married-couple families .....	3 033	24	78	345	761	887	491	227	126	46	48	265
15 to 24 years .....	540	—	6	53	137	212	77	24	16	8	7	267
25 to 34 years .....	1 027	—	15	89	270	365	172	74	30	6	6	267
35 to 44 years .....	439	—	6	32	81	121	83	62	33	21	—	288
45 to 64 years .....	598	6	8	78	160	94	134	57	31	11	19	280
65 years and over .....	429	18	43	93	113	95	25	10	16	—	16	227
Male householder, no wife present .....	1 687	47	156	318	451	411	171	40	31	29	33	234
15 to 24 years .....	398	—	10	41	116	151	68	6	—	6	—	263
25 to 34 years .....	428	—	19	88	142	110	53	5	11	—	—	238
35 to 44 years .....	271	13	17	55	84	63	14	16	9	—	—	229
45 to 64 years .....	425	14	78	100	83	81	16	13	6	16	18	207
65 years and over .....	165	20	32	34	26	6	20	—	5	7	15	187
Female householder, no husband present .....	3 253	460	316	542	753	613	320	63	115	—	71	220
15 to 24 years .....	534	55	67	94	128	101	47	7	23	—	12	223
25 to 34 years .....	810	53	34	144	204	211	77	39	44	—	4	244
35 to 44 years .....	367	18	—	20	114	121	53	—	41	—	—	261
45 to 64 years .....	716	80	50	155	206	108	80	—	7	—	30	214
65 years and over .....	826	254	165	129	101	72	63	17	—	—	25	136
Median age .....	36.8	67.8	59.3	43.1	34.6	32.0	34.9	35.7	36.4	44.0	58.9	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980 .....	2 702	101	116	355	590	724	403	183	169	50	11	262
1975 to 1978 .....	3 226	202	196	439	892	798	453	104	94	21	27	244
1970 to 1974 .....	1 044	120	135	149	222	258	111	36	—	4	9	229
1960 to 1969 .....	530	71	67	114	156	69	5	—	—	—	48	188
1959 or earlier .....	471	37	36	148	105	62	10	7	9	—	57	197
<b>ROOMS</b>												
1 room .....	71	19	32	13	—	—	—	—	—	7	—	107
2 rooms .....	406	43	73	148	82	45	15	—	—	—	—	172
3 rooms .....	2 142	327	206	462	611	429	85	5	7	—	10	207
4 rooms .....	2 897	110	173	349	794	762	487	109	70	14	29	251
5 rooms .....	1 713	32	51	160	347	528	225	161	104	21	84	269
6 rooms .....	568	—	12	65	107	104	130	43	62	20	25	293
7 or more rooms .....	176	—	3	8	24	43	40	12	29	13	4	310
Median .....	4.0	3.1	3.3	3.5	3.9	4.1	4.3	4.8	5.1	5.3	4.9	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979</b>												
All income levels in 1979 .....	7 973	531	550	1 205	1 965	1 911	982	330	272	75	152	242
Complete plumbing for exclusive use .....	7 829	519	498	1 175	1 951	1 892	977	318	272	75	152	243
0.50 or less .....	4 775	404	390	830	1 244	1 044	524	110	81	28	120	230
0.51 to 1.00 .....	2 820	109	99	329	634	801	418	193	166	43	28	263
1.01 to 1.50 .....	214	—	9	10	69	47	35	15	25	4	—	266
1.51 or more .....	20	6	—	6	4	—	—	—	—	—	4	173
Lacking complete plumbing for exclusive use .....	144	12	52	30	14	19	5	12	—	—	—	158
0.50 or less .....	63	6	11	15	6	19	—	6	—	—	—	199
0.51 to 1.00 .....	61	6	27	15	8	—	5	—	—	—	—	117
1.01 to 1.50 .....	20	—	14	—	—	—	—	6	—	—	—	134
1.51 or more .....	—	—	—	—	—	—	—	—	—	—	—	—
Income in 1979 below poverty level .....	909	234	92	142	120	148	109	27	9	6	22	194
Complete plumbing for exclusive use .....	890	234	79	142	120	148	109	21	9	6	22	195
1.01 or more persons per room .....	47	6	—	5	20	8	—	8	—	—	—	237
Lacking complete plumbing for exclusive use .....	19	—	13	—	—	—	—	6	—	—	—	117
1.01 or more persons per room .....	13	—	7	—	—	—	—	6	—	—	—	119
<b>BEDROOMS</b>												
None .....	115	30	40	24	5	5	4	—	—	7	—	109
1 .....	2 880	371	314	676	771	588	119	5	—	7	29	204
2 .....	3 779	116	167	406	948	1 012	636	237	151	15	91	261
3 .....	1 026	14	29	72	224	278	173	76	98	39	23	277
4 .....	124	—	—	24	17	22	19	12	14	7	9	277
5 or more .....	49	—	—	3	—	6	31	—	9	—	—	325
<b>UNITS IN STRUCTURE</b>												
1, detached or attached .....	650	72	38	33	64	62	101	45	76	66	93	305
2 .....	1 814	103	82	322	496	510	197	53	17	—	34	239
3 and 4 .....	2 244	96	135	441	502	387	314	193	149	9	18	244
5 to 9 .....	789	37	64	157	222	224	62	8	15	—	—	224
10 to 49 .....	1 751	79	134	218	586	546	153	23	9	—	3	241
50 or more .....	721	144	97	34	95	182	155	8	6	—	—	247
Mobile home or trailer, etc. ....	4	—	—	—	—	—	—	—	—	—	4	—
<b>YEAR STRUCTURE BUILT</b>												
1975 to March 1980 .....	480	30	33	28	85	66	102	67	44	—	25	287
1970 to 1974 .....	1 404	114	84	97	267	407	218	68	108	37	4	264
1960 to 1969 .....	1 596	161	72	74	459	464	273	41	27	—	25	252
1950 to 1959 .....	579	20	63	83	162	142	51	25	6	8	19	231
1940 to 1949 .....	934	135	58	197	216	179	66	46	15	9	13	215
1939 or earlier .....	2 980	71	240	726	776	653	272	83	72	21	66	226
<b>STORIES IN STRUCTURE</b>												
1 to 3 .....	7 109	367	465	1 104	1 803	1 717	839	324	266	75	149	244
4 or more .....	864	164	85	101	162	194	143	6	6	—	3	228
With elevator .....	769	151	80	64	143	181	138	6	6	—	—	235
<b>GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>												
Less than 15 percent .....	1 870	133	187	379	587	369	146	43	19	7	...	220
15 to 19 percent .....	1 674	109	98	240	407	476	211	74	47	12	...	248
20 to 24 percent .....	1 329	186	102	207	286	277	163	62	30	16	...	233
25 to 29 percent .....	835	45	45	111	193	256	84	34	67	—	...	254
30 to 34 percent .....	501	18	34	56	137	115	57	43	34	7	...	252
35 to 49 percent .....	675	18	25	84	146	202	106	35	45	14	...	273
50 percent or more .....	889	17	47	114	204	204	215	39	30	19	...	261
Not computed .....	200	5	12	14	5	12	—	—	—	—	152	180
Median .....	21.3	20.6	19.2	19.5	19.8	21.9	24.1	23.9	28.0	31.8	...	...
<b>SELECTED CHARACTERISTICS</b>												
Heating equipment .....	7 966	531	543	1 205	1 965	1 911	982	330	272	75	152	242
Central heating system .....	7 094	492	478	930	1 744	1 737	943	306	245	75	144	246
Air conditioning .....	3 624	149	158	437	971	960	535	166	137	38	73	253
Central system .....	333	32	34	7	35	38	71	22	71	13	10	311



Table B—3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Bristol	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Owner-occupied housing units .....	12 491	534	944	706	582	2 034	2 102	3 147	1 814	628	23 397	25 753	345
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>													
Married-couple families .....	9 996	114	422	408	382	1 609	1 843	2 958	1 675	585	25 591	28 349	136
15 to 24 years .....	193	—	14	—	6	44	53	65	5	6	22 083	23 700	6
25 to 34 years .....	1 882	26	—	29	45	464	514	612	145	47	23 717	25 972	26
35 to 44 years .....	2 124	14	18	35	34	305	472	819	348	79	26 833	28 623	14
45 to 64 years .....	4 367	39	96	138	116	492	692	1 329	1 058	407	29 333	32 578	52
65 years and over .....	1 430	35	294	206	181	304	112	133	119	46	14 986	18 781	38
Male householder, no wife present .....	700	66	99	100	51	131	90	110	39	14	16 604	18 129	34
15 to 24 years .....	18	—	—	9	6	—	3	—	—	—	12 500	14 123	—
25 to 34 years .....	142	—	8	6	13	52	35	23	5	—	19 259	20 339	—
35 to 44 years .....	96	7	—	16	—	31	7	29	—	6	18 750	21 876	7
45 to 64 years .....	214	12	18	24	26	36	28	43	19	8	19 224	20 908	6
65 years and over .....	230	47	73	45	6	12	17	15	15	—	9 569	12 927	21
Female householder, no husband present .....	1 795	354	423	198	149	294	169	79	100	29	11 521	14 268	175
15 to 24 years .....	30	—	12	—	—	13	5	—	—	—	15 938	13 624	—
25 to 34 years .....	113	27	19	25	10	18	—	—	—	8	11 050	13 287	34
35 to 44 years .....	181	13	27	29	23	34	29	—	12	14	14 837	19 551	19
45 to 64 years .....	672	47	112	80	71	160	67	53	75	7	15 737	17 998	34
65 years and over .....	799	267	253	64	45	69	62	26	13	—	7 879	10 097	88
Median age .....	50.9	69.8	69.0	63.8	61.5	47.0	43.4	45.3	51.5	52.2	...	...	59.1
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>													
1979 to March 1980 .....	927	10	10	38	45	225	200	252	100	47	23 355	26 703	6
1975 to 1978 .....	2 649	86	72	80	91	535	554	797	326	108	24 072	26 052	94
1970 to 1974 .....	1 797	33	92	71	66	286	362	538	289	60	24 849	26 449	26
1960 to 1969 .....	3 209	55	164	156	127	434	474	927	622	250	27 602	30 447	55
1959 or earlier .....	3 909	350	606	361	253	554	512	633	477	163	18 529	21 150	164
<b>SELECTED CHARACTERISTICS</b>													
Complete plumbing for exclusive use .....	12 436	517	932	706	582	2 014	2 099	3 147	1 811	628	23 457	25 812	341
1.01 or more persons per room .....	184	—	—	6	5	28	27	58	28	32	28 333	32 023	—
Lacking complete plumbing for exclusive use .....	55	17	12	—	—	20	3	—	3	—	9 375	12 276	4
1.01 or more persons per room .....	3	—	—	—	—	—	—	—	—	—	40 906	40 150	—
Heating equipment .....	12 491	534	944	706	582	2 034	2 102	3 147	1 814	628	23 397	25 753	345
Central heating system .....	11 886	496	894	659	554	1 942	1 987	3 010	1 746	598	23 493	25 493	310
Air conditioning .....	7 184	250	385	380	287	1 094	1 288	1 966	1 136	398	24 647	27 352	153
Central system .....	780	13	39	72	36	51	123	202	185	59	26 489	30 423	26
Vehicles available .....	12 060	345	783	685	563	2 001	2 094	3 147	1 814	628	23 915	26 417	266
1 .....	3 632	289	641	494	300	805	491	432	132	48	15 634	17 175	191
2 or more .....	8 428	56	142	191	263	1 196	1 603	2 715	1 682	580	27 468	30 400	75
House heating fuel .....	12 491	534	944	706	582	2 034	2 102	3 147	1 814	628	23 397	25 753	345
Utility gas .....	1 428	61	130	136	86	248	218	304	187	58	21 312	22 916	44
Bottled, tank, or LP gas .....	43	—	10	5	10	—	6	12	—	—	14 125	18 451	—
Electricity .....	1 440	52	31	36	55	227	281	438	251	69	25 655	27 344	53
Fuel oil, kerosene, etc. ....	9 273	408	755	517	421	1 513	1 541	2 279	1 358	481	23 182	25 997	229
Other .....	307	13	18	12	10	46	56	114	18	20	24 821	25 134	19
Median rooms .....	5.8	5.0	5.1	5.2	5.3	5.5	5.9	6.0	6.2	7.2	...	...	5.0
Specified owner-occupied housing units .....	10 687	407	743	568	455	1 771	1 825	2 752	1 601	565	23 763	25 897	269
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS</b>													
With a mortgage .....	7 281	120	221	193	244	1 230	1 393	2 256	1 215	409	25 843	27 988	141
Less than \$200 .....	124	20	6	14	—	17	24	36	7	—	20 694	19 511	20
\$200 to \$249 .....	391	7	34	30	33	106	90	51	28	12	19 229	21 073	7
\$250 to \$299 .....	1 127	18	37	42	72	206	148	326	232	46	26 607	26 760	18
\$300 to \$349 .....	1 175	9	41	51	32	124	279	386	188	65	26 029	27 746	9
\$350 to \$399 .....	1 169	15	45	21	26	272	264	377	122	27	23 622	25 065	23
\$400 to \$499 .....	1 821	40	40	18	49	344	347	573	311	99	25 724	27 595	53
\$500 to \$599 .....	865	11	12	17	19	121	140	309	162	74	26 514	33 792	11
\$600 to \$749 .....	429	—	6	—	13	34	77	151	113	35	29 725	31 921	—
\$750 or more .....	180	—	—	—	—	6	24	47	52	51	32 447	43 794	—
Median .....	\$385	\$370	\$341	\$310	\$327	\$380	\$379	\$394	\$410	\$449	...	...	\$386
Not mortgaged .....	3 406	287	522	375	211	541	432	496	386	156	17 889	21 429	128
Less than \$50 .....	—	—	—	—	—	—	—	—	—	—	—	—	—
\$50 to \$74 .....	—	—	—	—	—	—	—	—	—	—	—	—	—
\$75 to \$99 .....	28	14	—	14	—	—	—	—	—	—	7 500	8 026	—
\$100 to \$124 .....	158	64	50	15	8	16	—	—	5	—	6 103	8 115	33
\$125 to \$149 .....	321	65	82	49	19	20	7	60	12	7	10 689	15 039	26
\$150 to \$199 .....	1 298	87	212	191	75	219	190	175	145	4	17 079	18 699	31
\$200 to \$249 .....	1 004	49	151	55	85	198	138	185	100	43	18 989	21 710	38
\$250 or more .....	597	8	27	51	24	88	97	76	124	102	25 350	34 480	—
Median .....	\$196	\$150	\$180	\$179	\$202	\$204	\$207	\$204	\$215	\$250+	...	...	\$158
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>													
With a mortgage .....	7 281	120	221	193	244	1 230	1 393	2 256	1 215	409	25 843	27 988	141
Less than 15 percent .....	2 263	—	—	7	—	58	157	825	850	366	35 724	39 993	—
15 to 19 percent .....	1 754	—	6	—	20	199	460	786	259	24	26 791	27 644	—
20 to 24 percent .....	1 152	—	—	7	72	270	356	386	48	13	22 906	23 674	—
25 to 29 percent .....	920	—	7	47	37	334	253	199	43	—	20 534	21 563	—
30 to 34 percent .....	496	—	27	38	34	232	110	39	10	6	18 313	19 153	—
35 percent or more .....	688	112	181	94	81	137	57	21	5	—	11 356	11 940	133
Not computed .....	8	8	—	—	—	—	—	—	—	—	2500—	—	8
Median .....	18.9	50+	50+	34.7	29.1	26.3	21.1	16.9	12.6	10—	...	...	50+
Not mortgaged .....	3 406	287	522	375	211	541	432	496	386	156	17 889	21 429	128
Less than 10 percent .....	1 007	—	—	14	—	33	75	369	367	149	35 317	39 103	—
10 to 14 percent .....	821	—	9	29	56	290	291	120	19	7	20 442	21 271	—
15 to 19 percent .....	609	—	50	154	131	201	66	7	—	—	14 418	15 042	—
20 to 24 percent .....	215	7	83	108	—	17	—	—	—	—	10 405	9 953	—
25 to 29 percent .....	223	13	141	45	24	—	—	—	—	—	8 882	8 944	—
30 to 34 percent .....	170	24	121	25	—	—	—	—	—	—	8 000	7 718	—
35 percent or more .....	338	220	118	—	—	—	—	—	—	—	4 250	4 553	105
Not computed .....	23	23	—	—	—	—	—	—	—	—	2500—	—	23
Median .....	14.2	47.3	29.2	19.7	16.9	14.1	12.4	10—	10—	10—	...	...	50+

Table B—4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

Bristol	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
<b>Renter-occupied housing units</b>	<b>8 019</b>	<b>1 056</b>	<b>1 705</b>	<b>930</b>	<b>782</b>	<b>1 570</b>	<b>821</b>	<b>883</b>	<b>212</b>	<b>60</b>	<b>13 518</b>	<b>14 949</b>	<b>918</b>
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>													
<b>Married-couple families</b>	<b>3 049</b>	<b>90</b>	<b>379</b>	<b>253</b>	<b>281</b>	<b>784</b>	<b>550</b>	<b>538</b>	<b>146</b>	<b>28</b>	<b>18 264</b>	<b>19 119</b>	<b>138</b>
15 to 24 years	540	5	66	35	64	197	98	68	7	—	17 381	17 808	5
25 to 34 years	1 027	19	43	94	108	321	239	181	22	—	18 510	19 007	32
35 to 44 years	439	12	16	—	39	90	98	126	53	5	22 781	23 924	22
45 to 64 years	611	41	71	54	41	92	96	142	64	10	20 428	20 965	57
65 years and over	432	13	183	70	29	84	19	21	—	13	10 714	13 530	22
<b>Male householder, no wife present</b>	<b>1 695</b>	<b>156</b>	<b>344</b>	<b>231</b>	<b>203</b>	<b>374</b>	<b>146</b>	<b>197</b>	<b>24</b>	<b>20</b>	<b>13 935</b>	<b>15 589</b>	<b>92</b>
15 to 24 years	403	37	103	111	31	48	33	40	—	—	11 385	12 943	24
25 to 34 years	428	5	50	55	103	150	26	37	—	2	15 042	15 869	5
35 to 44 years	271	32	30	24	18	44	42	81	—	—	17 768	17 872	25
45 to 64 years	428	28	83	35	44	112	45	39	24	18	16 333	19 534	20
65 years and over	165	54	78	6	7	20	—	—	—	—	6 657	7 337	18
<b>Female householder, no husband present</b>	<b>3 275</b>	<b>810</b>	<b>982</b>	<b>446</b>	<b>298</b>	<b>412</b>	<b>125</b>	<b>148</b>	<b>42</b>	<b>12</b>	<b>9 175</b>	<b>10 737</b>	<b>688</b>
15 to 24 years	534	128	176	36	47	80	31	23	13	—	9 026	11 195	175
25 to 34 years	810	120	216	182	90	114	23	52	6	7	10 948	12 307	145
35 to 44 years	373	29	100	90	57	71	9	17	—	—	11 597	12 136	92
45 to 64 years	722	161	197	89	51	116	56	42	10	—	10 084	11 564	149
65 years and over	836	372	293	49	53	31	6	14	13	5	5 558	7 584	127
<b>Median age</b>	<b>36.9</b>	<b>61.2</b>	<b>50.6</b>	<b>33.0</b>	<b>33.4</b>	<b>32.0</b>	<b>33.0</b>	<b>36.3</b>	<b>45.9</b>	<b>50.7</b>	<b>...</b>	<b>...</b>	<b>39.2</b>
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>													
1979 to March 1980	2 707	232	677	299	318	483	290	314	94	—	13 644	15 144	262
1975 to 1978	3 242	451	527	429	282	730	341	391	67	24	14 397	15 293	435
1970 to 1974	1 054	204	227	122	90	157	117	87	27	23	11 967	14 394	101
1960 to 1969	536	136	128	33	38	110	43	32	9	7	10 303	12 467	92
1959 or earlier	480	33	146	47	54	90	30	59	15	6	13 148	15 527	28
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>													
<b>Complete plumbing for exclusive use</b>	<b>7 875</b>	<b>1 037</b>	<b>1 664</b>	<b>919</b>	<b>776</b>	<b>1 541</b>	<b>821</b>	<b>870</b>	<b>194</b>	<b>53</b>	<b>13 523</b>	<b>14 897</b>	<b>899</b>
0.50 or less	4 802	746	1 254	613	473	809	392	438	57	20	11 635	13 307	426
0.51 to 1.00	2 839	278	378	281	286	703	394	382	110	27	16 279	17 015	426
1.01 to 1.50	214	13	26	25	13	23	35	50	23	6	20 603	22 141	41
1.51 or more	20	—	6	—	4	6	—	—	4	—	16 250	18 411	6
<b>Lacking complete plumbing for exclusive use</b>	<b>144</b>	<b>19</b>	<b>41</b>	<b>11</b>	<b>6</b>	<b>29</b>	<b>—</b>	<b>13</b>	<b>18</b>	<b>7</b>	<b>12 917</b>	<b>17 814</b>	<b>19</b>
0.50 or less	63	12	32	5	—	6	—	8	—	—	8 162	10 538	6
0.51 to 1.00	61	—	9	6	—	23	—	5	18	—	18 558	23 006	—
1.01 to 1.50	20	7	—	—	6	—	—	—	—	7	13 750	24 893	13
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>SELECTED CHARACTERISTICS</b>													
<b>Heating equipment</b>	<b>8 012</b>	<b>1 056</b>	<b>1 698</b>	<b>930</b>	<b>782</b>	<b>1 570</b>	<b>821</b>	<b>883</b>	<b>212</b>	<b>60</b>	<b>13 529</b>	<b>14 955</b>	<b>918</b>
Central heating system	7 121	900	1 496	807	708	1 395	761	795	205	54	13 762	15 179	766
<b>Air conditioning</b>	<b>3 645</b>	<b>375</b>	<b>690</b>	<b>392</b>	<b>377</b>	<b>744</b>	<b>489</b>	<b>436</b>	<b>120</b>	<b>22</b>	<b>14 924</b>	<b>15 871</b>	<b>279</b>
Central system	333	44	54	38	36	77	45	25	14	—	14 618	14 917	30
<b>Vehicles available</b>	<b>6 908</b>	<b>496</b>	<b>1 336</b>	<b>860</b>	<b>730</b>	<b>1 529</b>	<b>814</b>	<b>871</b>	<b>212</b>	<b>60</b>	<b>15 103</b>	<b>16 342</b>	<b>534</b>
1	4 525	409	1 173	718	480	961	379	313	71	21	12 369	13 769	408
2 or more	2 383	87	163	142	250	568	435	558	141	39	19 847	21 228	126
<b>House heating fuel</b>	<b>8 012</b>	<b>1 056</b>	<b>1 698</b>	<b>930</b>	<b>782</b>	<b>1 570</b>	<b>821</b>	<b>883</b>	<b>212</b>	<b>60</b>	<b>13 529</b>	<b>14 955</b>	<b>918</b>
Utility gas	1 841	212	414	227	148	404	190	184	50	12	13 640	14 931	218
Bottled, tank, or LP gas	91	30	16	12	12	21	—	—	—	—	9 688	9 495	30
Electricity	1 942	261	377	213	177	391	204	215	97	7	14 195	15 535	199
Fuel oil, kerosene, etc.	4 114	542	891	478	445	748	427	477	65	41	13 320	14 802	460
Other	24	11	—	—	—	6	—	7	—	—	17 917	16 876	11
<b>Median rooms</b>	<b>4.0</b>	<b>3.5</b>	<b>3.7</b>	<b>3.8</b>	<b>4.1</b>	<b>4.1</b>	<b>4.3</b>	<b>4.4</b>	<b>4.3</b>	<b>4.8</b>	<b>...</b>	<b>...</b>	<b>3.9</b>
<b>Specified renter-occupied housing units</b>	<b>7 973</b>	<b>1 037</b>	<b>1 705</b>	<b>930</b>	<b>779</b>	<b>1 564</b>	<b>819</b>	<b>871</b>	<b>212</b>	<b>56</b>	<b>13 509</b>	<b>14 935</b>	<b>909</b>
<b>CONTRACT RENT</b>													
Less than \$100	941	461	224	76	48	50	11	53	5	13	5 141	8 481	353
\$100 to \$149	1 235	132	376	178	130	212	100	93	14	—	11 538	13 016	117
\$150 to \$199	2 427	233	508	324	324	461	267	236	69	5	13 646	14 812	213
\$200 to \$249	1 931	124	320	215	164	532	265	269	22	20	16 583	16 961	123
\$250 to \$299	936	71	198	119	73	181	109	115	64	6	15 172	16 741	75
\$300 to \$349	242	—	26	12	25	54	30	81	14	—	20 333	21 688	—
\$350 to \$399	73	—	6	6	7	30	—	12	12	—	18 698	21 682	—
\$400 to \$499	22	6	—	—	—	—	4	8	4	—	30 369	22 921	6
\$500 or more	14	—	7	—	—	—	—	—	—	7	41 250	41 305	—
No cash rent	152	10	40	—	8	44	33	4	8	5	16 957	18 041	22
<b>Median</b>	<b>\$186</b>	<b>\$111</b>	<b>\$169</b>	<b>\$182</b>	<b>\$183</b>	<b>\$203</b>	<b>\$202</b>	<b>\$212</b>	<b>\$230</b>	<b>\$226</b>	<b>...</b>	<b>...</b>	<b>\$130</b>
<b>GROSS RENT</b>													
Less than \$100	531	351	103	31	27	6	—	13	—	—	4 223	5 642	234
\$100 to \$149	550	117	226	54	46	85	6	6	3	7	8 191	9 766	92
\$150 to \$199	1 205	149	360	184	124	173	73	124	12	6	11 270	13 202	142
\$200 to \$249	1 965	166	390	298	218	412	240	168	66	7	13 974	15 136	120
\$250 to \$299	1 911	126	331	268	212	459	227	231	41	16	15 274	16 489	148
\$300 to \$349	982	98	194	42	90	198	138	185	29	8	16 642	17 032	109
\$350 to \$399	330	14	31	23	32	68	75	69	18	—	19 674	19 676	27
\$400 to \$499	272	—	23	15	109	23	59	19	—	—	18 491	20 528	9
\$500 or more	75	6	7	6	7	10	4	12	16	7	23 438	26 770	6
No cash rent	152	10	40	—	8	44	33	4	8	5	16 957	18 041	22
<b>Median</b>	<b>\$242</b>	<b>\$173</b>	<b>\$217</b>	<b>\$235</b>	<b>\$244</b>	<b>\$258</b>	<b>\$266</b>	<b>\$277</b>	<b>\$273</b>	<b>\$263</b>	<b>...</b>	<b>...</b>	<b>\$194</b>
<b>GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>													
Less than 15 percent	1 870	—	61	60	88	352	394	676	188	51	24 745	25 535	12
15 to 19 percent	1 674	87	100	127	210	661	310	167	12	—	17 350	17 230	39
20 to 24 percent	1 329	161	252	251	270	294	73	24	4	—	12 505	12 361	150
25 to 29 percent	835	57	208	321	105	139	5	—	—	—	11 188	11 199	40
30 to 34 percent	501	39	245	89	70	54	4	—	—	—	9 527	9 840	28
35 to 49 percent	675	64	494	69	28	20	—	—	—	—	7 741	7 945	82
50 percent or more	889	571	305	13	—	—	—	—	—	—	4 183	4 161	488
Not computed	200	58	40	—	8	44	33	4	8	5	13 125	13 578	70
<b>Median</b>	<b>21.3</b>	<b>50+</b>	<b>34.3</b>	<b>25.4</b>	<b>21.6</b>	<b>18.1</b>	<b>15.0</b>	<b>12.3</b>	<b>10—</b>	<b>10—</b>	<b>...</b>	<b>...</b>	<b>50+</b>

Table B—5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Bristol	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
<b>Specified owner-occupied housing units</b> .....	<b>7 281</b>	<b>124</b>	<b>391</b>	<b>1 127</b>	<b>1 175</b>	<b>1 169</b>	<b>1 821</b>	<b>865</b>	<b>429</b>	<b>180</b>	<b>385</b>
<b>PERSONS IN UNIT</b>											
1 person .....	341	14	56	65	35	61	68	36	—	6	350
2 persons .....	1 612	74	148	322	209	278	325	128	109	19	360
3 persons .....	1 606	19	107	277	217	210	479	172	98	27	394
4 persons .....	2 060	11	60	282	429	327	510	264	135	42	388
5 persons .....	978	6	13	100	193	177	242	154	55	38	400
6 persons .....	485	—	7	68	58	91	145	80	20	16	411
7 persons .....	163	—	—	6	34	25	52	25	12	9	438
8 or more persons .....	36	—	—	7	—	—	—	6	—	23	750+
Median .....	3.54	2.15	2.44	3.14	3.79	3.61	3.58	3.87	3.56	4.40	...
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>											
<b>Married-couple families</b> .....	<b>6 444</b>	<b>88</b>	<b>296</b>	<b>984</b>	<b>1 055</b>	<b>1 037</b>	<b>1 669</b>	<b>760</b>	<b>401</b>	<b>154</b>	<b>389</b>
15 to 24 years .....	147	—	—	—	14	13	67	32	21	—	469
25 to 34 years .....	1 608	6	—	33	146	344	624	266	134	55	438
35 to 44 years .....	1 806	9	44	184	342	281	514	255	116	61	407
45 to 64 years .....	2 583	64	195	666	502	366	427	201	124	38	337
65 years and over .....	300	9	57	101	51	33	37	6	6	—	292
<b>Male householder, no wife present</b> .....	<b>273</b>	<b>15</b>	<b>38</b>	<b>22</b>	<b>29</b>	<b>42</b>	<b>67</b>	<b>34</b>	<b>14</b>	<b>12</b>	<b>389</b>
15 to 24 years .....	—	—	—	—	—	—	—	—	—	—	—
25 to 34 years .....	86	—	7	—	14	7	46	6	—	6	430
35 to 44 years .....	59	—	—	10	7	6	14	16	—	6	423
45 to 64 years .....	81	—	24	6	8	23	—	12	8	—	355
65 years and over .....	47	15	7	6	—	6	7	—	6	—	263
<b>Female householder, no husband present</b> .....	<b>564</b>	<b>21</b>	<b>57</b>	<b>121</b>	<b>91</b>	<b>90</b>	<b>85</b>	<b>71</b>	<b>14</b>	<b>14</b>	<b>346</b>
15 to 24 years .....	19	—	—	—	—	8	6	5	—	—	463
25 to 34 years .....	66	—	—	—	6	24	22	14	—	—	407
35 to 44 years .....	114	—	6	6	30	23	29	13	—	7	383
45 to 64 years .....	269	—	45	93	38	25	14	33	14	7	298
65 years and over .....	96	21	6	22	17	10	14	6	—	10	298
Median age .....	43.7	62.6	54.9	52.7	45.7	41.2	37.8	38.0	39.4	39.1	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>											
1979 to March 1980 .....	669	—	16	6	13	40	214	179	136	65	525
1975 to 1978 .....	2 068	19	21	87	134	442	838	345	121	61	435
1970 to 1974 .....	1 350	—	34	121	276	277	398	170	57	17	394
1960 to 1969 .....	2 282	58	170	587	585	339	283	135	88	37	328
1959 or earlier .....	912	47	150	326	167	71	88	36	27	—	290
<b>ROOMS</b>											
1 to 3 rooms .....	12	6	—	—	—	—	—	—	—	6	475
4 rooms .....	436	29	75	71	32	93	110	26	—	—	356
5 rooms .....	1 870	58	126	478	375	280	344	155	48	6	336
6 rooms .....	2 631	25	150	382	482	489	680	269	130	24	378
7 rooms .....	1 366	6	33	140	208	164	409	246	121	39	427
8 or more rooms .....	966	—	7	56	78	143	278	169	130	105	468
Median .....	6.0	5.0	5.5	5.5	5.9	5.9	6.2	6.4	6.8	8.1	...
<b>YEAR STRUCTURE BUILT</b>											
1975 to March 1980 .....	616	5	—	15	35	56	244	123	92	46	483
1970 to 1974 .....	734	—	—	65	103	118	274	106	29	39	421
1960 to 1969 .....	2 124	21	92	334	424	333	477	281	120	42	379
1950 to 1959 .....	1 726	15	99	392	312	274	361	159	100	14	358
1940 to 1949 .....	1 018	45	80	144	155	231	226	131	6	—	368
1939 or earlier .....	1 063	38	120	177	146	157	239	65	82	39	366
<b>VALUE</b>											
Less than \$10,000 .....	—	—	—	—	—	—	—	—	—	—	—
\$10,000 to \$19,999 .....	48	9	25	6	—	8	—	—	—	—	230
\$20,000 to \$29,999 .....	104	—	58	33	9	4	—	—	—	—	245
\$30,000 to \$39,999 .....	542	40	72	117	86	129	81	12	5	—	324
\$40,000 to \$49,999 .....	1 508	33	89	335	305	269	360	99	18	—	349
\$50,000 to \$59,999 .....	1 899	26	102	330	363	262	512	202	90	12	375
\$60,000 to \$79,999 .....	2 447	4	45	281	372	408	663	394	199	81	413
\$80,000 to \$99,999 .....	534	12	—	19	34	79	170	102	79	39	465
\$100,000 to \$149,999 .....	165	—	—	6	6	10	35	56	26	26	546
\$150,000 or more .....	34	—	—	—	—	—	—	—	12	22	750+
Median .....	\$57 100	\$43 300	\$45 600	\$51 400	\$55 200	\$56 900	\$59 000	\$63 700	\$70 300	\$79 300	...
<b>SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>											
Less than 15 percent .....	2 263	91	213	656	547	260	336	117	25	18	316
15 to 19 percent .....	1 754	6	94	221	354	368	472	150	75	14	377
20 to 24 percent .....	1 152	7	13	140	121	256	343	182	71	19	409
25 to 29 percent .....	920	—	37	30	44	171	322	170	102	44	448
30 to 34 percent .....	496	—	21	31	21	33	178	113	70	29	480
35 percent or more .....	688	20	13	49	88	81	162	133	86	56	464
Not computed .....	8	—	—	—	—	—	8	—	—	—	425
Median .....	18.9	11.3	14.4	13.8	15.6	19.4	21.4	24.5	27.1	29.4	...
<b>SELECTED CHARACTERISTICS</b>											
<b>Heating equipment</b> .....	<b>7 281</b>	<b>124</b>	<b>391</b>	<b>1 127</b>	<b>1 175</b>	<b>1 169</b>	<b>1 821</b>	<b>865</b>	<b>429</b>	<b>180</b>	<b>385</b>
Steam or hot water system .....	4 125	45	210	722	695	649	982	461	260	101	380
Central warm-air furnace or electric heat pump .....	1 654	28	143	266	228	348	324	196	79	42	373
Other built-in electric units .....	1 144	40	31	89	194	119	399	176	71	25	418
Floor, wall, or pipeless furnace .....	11	—	—	—	7	4	—	—	—	—	339
Other means .....	347	11	7	50	51	49	116	32	19	12	404
<b>Air conditioning</b> .....	<b>4 391</b>	<b>50</b>	<b>267</b>	<b>708</b>	<b>762</b>	<b>612</b>	<b>1 137</b>	<b>545</b>	<b>213</b>	<b>97</b>	<b>383</b>
Central system .....	296	6	15	34	34	44	54	52	38	19	418
1 or more individual room units .....	4 095	44	252	674	728	568	1 083	493	175	78	381
<b>House heating fuel</b> .....	<b>7 281</b>	<b>124</b>	<b>391</b>	<b>1 127</b>	<b>1 175</b>	<b>1 169</b>	<b>1 821</b>	<b>865</b>	<b>429</b>	<b>180</b>	<b>385</b>
Utility gas .....	522	14	31	63	71	110	115	65	23	30	387
Bottled, tank, or LP gas .....	16	—	—	10	—	—	—	—	—	6	290
Electricity .....	1 214	40	31	103	200	130	432	176	77	25	417
Fuel oil, kerosene, etc. ....	5 302	66	329	923	859	894	1 195	599	324	113	377
Other .....	227	4	—	28	45	35	79	25	5	6	402

Table B—6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

Bristol	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
<b>Specified owner-occupied housing units</b> .....	<b>3 406</b>	—	—	<b>28</b>	<b>158</b>	<b>321</b>	<b>1 298</b>	<b>1 004</b>	<b>597</b>	<b>196</b>
<b>PERSONS IN UNIT</b>										
1 person .....	633	—	—	28	96	115	256	111	27	165
2 persons .....	1 717	—	—	—	54	138	734	551	240	195
3 persons .....	667	—	—	—	8	34	234	214	177	213
4 persons .....	269	—	—	—	—	34	55	74	106	231
5 persons .....	97	—	—	—	—	—	12	47	38	239
6 persons .....	14	—	—	—	—	—	7	—	—	200
7 persons .....	9	—	—	—	—	—	—	—	9	250+
8 or more persons .....	—	—	—	—	—	—	—	—	—	—
Median .....	2.12	—	—	1.00	1.32	1.83	2.04	2.21	2.68	...
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>										
<b>Married-couple families</b> .....	<b>2 343</b>	—	—	—	<b>54</b>	<b>172</b>	<b>927</b>	<b>748</b>	<b>442</b>	<b>201</b>
15 to 24 years .....	—	—	—	—	—	—	—	—	—	—
25 to 34 years .....	38	—	—	—	—	18	6	14	—	158
35 to 44 years .....	78	—	—	—	—	—	29	29	20	217
45 to 64 years .....	1 320	—	—	—	15	46	543	432	284	206
65 years and over .....	907	—	—	—	39	108	349	273	138	194
<b>Male householder, no wife present</b> .....	<b>229</b>	—	—	<b>15</b>	<b>22</b>	<b>40</b>	<b>78</b>	<b>45</b>	<b>29</b>	<b>174</b>
15 to 24 years .....	6	—	—	—	—	—	—	6	—	225
25 to 34 years .....	6	—	—	—	—	—	—	6	—	225
35 to 44 years .....	37	—	—	—	7	14	16	—	—	146
45 to 64 years .....	67	—	—	8	—	7	21	7	24	194
65 years and over .....	113	—	—	7	15	19	41	26	5	169
<b>Female householder, no husband present</b> .....	<b>834</b>	—	—	<b>13</b>	<b>82</b>	<b>109</b>	<b>293</b>	<b>211</b>	<b>126</b>	<b>186</b>
15 to 24 years .....	—	—	—	—	—	—	—	—	—	—
25 to 34 years .....	11	—	—	—	—	—	—	5	6	250+
35 to 44 years .....	18	—	—	—	—	—	—	10	8	245
45 to 64 years .....	267	—	—	—	15	16	96	82	58	204
65 years and over .....	538	—	—	13	67	93	197	114	54	174
Median age .....	64.0	—	—	72.5	76.0	71.1	63.9	63.0	61.2	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>										
1979 to March 1980 .....	34	—	—	6	—	—	21	7	—	176
1975 to 1978 .....	159	—	—	—	8	36	57	34	24	181
1970 to 1974 .....	211	—	—	—	—	13	70	72	56	216
1960 to 1969 .....	668	—	—	7	14	53	204	233	157	212
1959 or earlier .....	2 334	—	—	15	136	219	946	658	360	192
<b>ROOMS</b>										
1 to 3 rooms .....	52	—	—	8	8	—	26	—	10	169
4 rooms .....	501	—	—	14	56	78	240	94	19	171
5 rooms .....	1 073	—	—	6	39	154	401	378	95	192
6 rooms .....	1 074	—	—	—	29	72	468	326	179	197
7 rooms .....	415	—	—	—	17	7	126	140	125	221
8 or more rooms .....	291	—	—	—	9	10	37	66	169	250+
Median .....	5.6	—	—	3.9	4.9	5.0	5.5	5.6	6.5	...
<b>YEAR STRUCTURE BUILT</b>										
1975 to March 1980 .....	31	—	—	6	—	—	18	7	—	176
1970 to 1974 .....	93	—	—	—	—	7	13	53	20	225
1960 to 1969 .....	472	—	—	7	—	32	147	145	141	217
1950 to 1959 .....	1 053	—	—	7	35	32	387	410	182	208
1940 to 1949 .....	772	—	—	—	52	95	372	195	58	182
1939 or earlier .....	985	—	—	8	71	155	361	194	196	186
<b>VALUE</b>										
Less than \$10,000 .....	—	—	—	—	—	—	—	—	—	—
\$10,000 to \$19,999 .....	44	—	—	—	—	37	7	—	—	140
\$20,000 to \$29,999 .....	148	—	—	—	21	28	35	40	24	186
\$30,000 to \$39,999 .....	629	—	—	7	80	106	272	130	34	172
\$40,000 to \$49,999 .....	732	—	—	15	30	104	368	150	65	179
\$50,000 to \$59,999 .....	807	—	—	—	27	19	351	327	83	201
\$60,000 to \$79,999 .....	841	—	—	6	—	20	245	316	254	224
\$80,000 to \$99,999 .....	96	—	—	—	—	7	13	13	63	250+
\$100,000 to \$149,999 .....	97	—	—	—	—	—	7	28	62	250+
\$150,000 or more .....	12	—	—	—	—	—	—	—	12	250+
Median .....	\$51 400	—	—	\$45 000	\$36 100	\$39 400	\$49 100	\$54 400	\$69 200	...
<b>SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>										
Less than 10 percent .....	1 007	—	—	14	21	93	402	271	206	197
10 to 14 percent .....	821	—	—	—	32	46	341	282	120	199
15 to 19 percent .....	609	—	—	—	7	78	184	196	144	209
20 to 24 percent .....	215	—	—	7	27	18	110	36	17	175
25 to 29 percent .....	223	—	—	7	13	13	93	47	50	192
30 to 34 percent .....	170	—	—	—	16	16	50	63	25	202
35 percent or more .....	338	—	—	—	32	57	118	96	35	184
Not computed .....	23	—	—	—	10	—	—	13	—	206
Median .....	14.2	—	—	15.0	22.6	16.4	13.6	14.0	13.9	...
<b>SELECTED CHARACTERISTICS</b>										
<b>Heating equipment</b> .....	<b>3 406</b>	—	—	<b>28</b>	<b>158</b>	<b>321</b>	<b>1 298</b>	<b>1 004</b>	<b>597</b>	<b>196</b>
Steam or hot water system .....	2 093	—	—	7	56	111	807	694	418	205
Central warm-air furnace or electric heat pump .....	1 035	—	—	15	93	151	367	260	149	185
Other built-in electric units .....	118	—	—	6	—	13	66	23	10	180
Floor, wall, or pipeless furnace .....	28	—	—	—	—	8	20	—	—	165
Other means .....	132	—	—	—	9	38	38	27	20	175
<b>Air conditioning</b> .....	<b>1 703</b>	—	—	<b>8</b>	<b>75</b>	<b>155</b>	<b>706</b>	<b>483</b>	<b>276</b>	<b>193</b>
Central system .....	175	—	—	—	—	19	28	74	54	227
1 or more individual room units .....	1 528	—	—	8	75	136	678	409	222	190
<b>House heating fuel</b> .....	<b>3 406</b>	—	—	<b>28</b>	<b>158</b>	<b>321</b>	<b>1 298</b>	<b>1 004</b>	<b>597</b>	<b>196</b>
Utility gas .....	277	—	—	8	31	55	89	47	47	175
Bottled, tank, or LP gas .....	16	—	—	—	—	10	—	—	6	145
Electricity .....	146	—	—	6	6	13	72	39	10	183
Fuel oil, kerosene, etc. ....	2 909	—	—	14	121	221	1 119	906	528	199
Other .....	58	—	—	—	—	22	18	12	6	169

Table B—7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Bristol	Owner-occupied housing units						Renter-occupied housing units					
	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier
Occupied housing units .....	12 491	732	1 059	2 815	4 920	2 965	8 019	486	1 408	1 606	1 531	2 988
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
Married-couple families .....	9 996	648	922	2 410	4 025	1 991	3 049	187	561	567	540	1 194
15 to 24 years .....	193	27	32	23	66	45	540	21	108	91	89	231
25 to 34 years .....	1 882	310	297	310	541	424	1 027	32	199	229	240	327
35 to 44 years .....	2 124	199	323	689	690	223	439	39	68	75	79	178
45 to 64 years .....	4 367	108	254	1 206	2 043	756	611	48	110	99	101	253
65 years and over .....	1 430	4	16	182	685	543	432	47	76	73	31	205
Male householder, no wife present .....	700	32	47	94	250	277	1 695	102	300	310	285	698
15 to 24 years .....	18	—	—	9	6	3	403	51	63	65	74	150
25 to 34 years .....	142	19	26	23	44	30	428	27	78	93	70	160
35 to 44 years .....	96	—	—	6	63	27	271	6	49	49	58	109
45 to 64 years .....	214	9	21	46	74	64	428	12	52	81	72	211
65 years and over .....	230	4	—	10	63	153	165	6	58	22	11	68
Female householder, no husband present .....	1 795	52	90	311	645	697	3 275	197	547	729	706	1 096
15 to 24 years .....	30	5	—	—	20	5	534	22	44	107	147	214
25 to 34 years .....	113	7	39	29	31	7	810	25	172	144	222	247
35 to 44 years .....	181	9	13	73	30	56	373	24	62	78	102	107
45 to 64 years .....	672	21	32	108	326	185	722	44	94	158	155	271
65 years and over .....	799	10	6	101	238	444	836	82	175	242	80	257
Median age .....	50.9	34.9	38.1	47.5	54.2	58.9	36.9	43.5	36.8	37.5	33.4	38.4
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980 .....	927	245	124	154	203	201	2 707	178	589	474	490	976
1975 to 1978 .....	2 649	487	381	436	876	469	3 242	308	513	738	710	973
1970 to 1974 .....	1 797	—	554	452	543	248	1 054	—	306	256	178	314
1960 to 1969 .....	3 209	—	—	1 773	960	476	536	—	—	138	94	304
1959 or earlier .....	3 909	—	—	—	2 338	1 571	480	—	—	—	59	421
<b>ROOMS</b>												
1 room .....	8	—	—	—	—	8	71	—	8	—	23	40
2 rooms .....	15	—	—	15	—	—	416	—	65	108	62	181
3 rooms .....	81	—	—	11	50	20	2 150	207	472	623	387	461
4 rooms .....	1 315	59	74	196	663	323	2 915	180	631	659	548	897
5 rooms .....	3 632	204	182	829	1 585	832	1 713	99	151	191	306	966
6 rooms .....	4 097	219	357	907	1 743	871	572	—	56	25	171	320
7 or more rooms .....	3 343	250	446	857	879	911	182	—	25	—	34	123
Median .....	5.8	6.0	6.3	5.9	5.6	5.8	4.0	3.7	3.8	3.6	4.0	4.4
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
Complete plumbing for exclusive use .....	12 436	732	1 056	2 812	4 907	2 929	7 875	468	1 383	1 586	1 498	2 940
0.50 or less .....	7 225	363	515	1 395	2 894	2 058	4 802	321	791	986	768	1 936
0.51 to 1.00 .....	5 027	350	533	1 389	1 938	817	2 839	119	565	564	661	930
1.01 to 1.50 .....	184	19	8	28	75	54	214	24	27	36	63	64
1.51 or more .....	—	—	—	—	—	—	20	4	—	—	6	10
Lacking complete plumbing for exclusive use .....	55	—	3	3	13	36	144	18	25	20	33	48
0.50 or less .....	32	—	3	—	6	23	63	18	10	12	13	10
0.51 to 1.00 .....	20	—	—	3	7	10	61	—	15	8	—	38
1.01 to 1.50 .....	3	—	—	—	—	3	20	—	—	—	20	—
1.51 or more .....	—	—	—	—	—	—	—	—	—	—	—	—
<b>PERSONS IN UNIT</b>												
1 person .....	1 275	29	46	184	469	547	3 043	209	489	703	506	1 136
2 persons .....	3 921	166	212	698	1 755	1 090	2 354	154	446	466	393	895
3 persons .....	2 622	204	267	545	1 094	512	1 170	62	199	224	227	458
4 persons .....	2 631	178	374	772	881	426	891	24	210	121	245	291
5 persons .....	1 258	102	116	364	463	213	338	14	54	66	86	118
6 or more persons .....	784	53	44	252	258	177	223	23	10	26	74	90
Median .....	2.90	3.34	3.51	3.46	2.72	2.36	1.91	1.72	1.98	1.71	2.16	1.90
Total persons .....	38 919	2 491	3 407	9 509	14 527	8 985	17 840	1 001	3 002	3 235	3 967	6 635
<b>UNITS IN STRUCTURE</b>												
1, detached or attached .....	11 196	673	925	2 682	4 781	2 135	696	60	98	132	218	188
2 .....	758	25	12	14	85	622	1 814	—	27	90	498	1 199
3 and 4 .....	355	18	93	38	18	188	2 244	141	322	279	497	1 005
5 to 9 .....	72	—	18	40	—	14	789	21	78	148	132	410
10 to 49 .....	44	—	11	22	5	6	1 751	142	593	689	146	181
50 or more .....	9	—	—	9	—	—	721	118	290	268	40	5
Mobile home or trailer, etc. ....	57	16	—	10	31	—	4	4	—	—	—	—
<b>SELECTED CHARACTERISTICS</b>												
<b>Heating equipment</b> .....	12 491	732	1 059	2 815	4 920	2 965	8 012	486	1 408	1 606	1 531	2 981
Steam or hot water system .....	7 046	334	256	1 847	2 938	1 671	3 529	220	412	663	794	1 440
Central warm-air furnace or electric heat pump .....	3 456	125	243	413	1 661	1 014	1 909	92	364	283	327	843
Other built-in electric units .....	1 330	223	461	497	1 06	43	1 557	168	581	548	121	139
Floor, wall, or pipeless furnace .....	54	—	—	—	28	26	126	—	—	38	30	58
Other means .....	605	50	99	58	187	211	891	6	51	74	259	501
<b>Air conditioning</b> .....	7 184	388	723	1 751	3 021	1 301	3 645	331	974	890	491	959
Central system .....	780	82	210	273	196	19	333	13	170	94	25	31
1 or more individual room units .....	6 404	306	513	1 478	2 825	1 282	3 312	318	804	796	466	928
<b>House heating fuel</b> .....	12 491	732	1 059	2 815	4 920	2 965	8 012	486	1 408	1 606	1 531	2 981
Utility gas .....	1 428	65	190	223	285	665	1 841	89	190	163	341	1 058
Bottled, tank, or LP gas .....	43	—	6	10	21	6	91	—	—	8	38	45
Electricity .....	1 440	234	489	534	125	58	1 942	210	776	643	163	150
Fuel oil, kerosene, etc. ....	9 273	411	301	2 016	4 390	2 155	4 114	181	442	792	989	1 710
Other .....	307	22	73	32	99	81	24	6	—	—	—	18
<b>Income in 1979 below poverty level</b> .....	345	27	27	62	150	79	918	39	62	210	329	278
Percent below poverty level .....	2.8	3.7	2.5	2.2	3.0	2.7	11.4	8.0	4.4	13.1	21.5	9.3
<b>HOUSEHOLD INCOME IN 1979</b>												
Less than \$5,000 .....	534	31	15	61	207	220	1 056	49	166	274	245	322
\$5,000 to \$9,999 .....	944	10	52	132	379	371	1 705	124	298	344	258	681
\$10,000 to \$12,499 .....	706	11	41	113	291	250	930	53	137	186	165	389
\$12,500 to \$14,999 .....	582	13	33	110	263	163	782	61	106	152	210	253
\$15,000 to \$19,999 .....	2 034	137	130	372	906	489	1 570	59	286	318	317	590
\$20,000 to \$24,999 .....	2 102	175	212	480	788	447	821	79	154	135	149	304
\$25,000 to \$34,999 .....	3 147	195	345	870	1 219	518	883	35	181	149	153	365
\$35,000 to \$49,999 .....	1 814	115	191	511	640	357	212	20	80	32	23	57
\$50,000 or more .....	628	45	40	166	227	150	60	6	—	16	11	27
Median .....	\$23 397	\$24 601	\$25 785	\$26 735	\$22 280	\$19 901	\$13 518	\$13 197	\$14 929	\$12 487	\$13 661	\$13 508
Mean .....	\$25 753	\$28 552	\$27 735	\$27 895	\$24 593	\$24 244	\$14 949	\$15 340	\$15 824	\$14 235	\$14 285	\$15 199

Table B—8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

## Bristol

	Owner-occupied housing units				Renter-occupied housing units							
	Total	1 unit, detached or attached	2 or more units	Mobile home or trailer, etc.	Total	1 unit, detached or attached	2 units	3 and 4 units	5 to 9 units	10 to 49 units	50 or more units	Mobile home or trailer, etc.
Occupied housing units .....	12 491	11 196	1 238	57	8 019	696	1 814	2 244	789	1 751	721	4
Condominium housing units .....	256	100	156	—	65	26	—	39	—	—	—	—
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
Married-couple families .....	9 996	9 167	798	31	3 049	292	886	935	255	494	187	—
15 to 24 years .....	193	159	34	—	540	22	154	165	54	114	31	—
25 to 34 years .....	1 882	1 730	147	5	1 027	75	316	323	65	204	44	—
35 to 44 years .....	2 124	1 979	139	6	439	83	123	140	53	33	7	—
45 to 64 years .....	4 367	4 048	299	20	611	64	201	178	53	76	39	—
65 years and over .....	1 430	1 251	179	—	432	48	92	129	30	67	66	—
Male householder, no wife present .....	700	523	172	5	1 695	106	228	466	263	463	169	—
15 to 24 years .....	18	15	3	—	403	30	52	140	66	75	40	—
25 to 34 years .....	142	92	45	5	428	15	68	99	77	137	32	—
35 to 44 years .....	96	96	—	—	271	10	48	81	64	62	6	—
45 to 64 years .....	214	152	62	—	428	38	54	112	34	164	26	—
65 years and over .....	230	168	62	—	165	13	6	34	22	25	65	—
Female householder, no husband present .....	1 795	1 506	268	21	3 275	298	700	843	271	794	365	4
15 to 24 years .....	30	19	11	—	534	35	92	172	79	117	39	—
25 to 34 years .....	113	89	19	5	810	38	186	239	52	241	50	4
35 to 44 years .....	181	141	34	6	373	62	99	72	18	98	24	—
45 to 64 years .....	672	591	76	5	722	87	169	182	70	146	68	—
65 years and over .....	799	666	128	5	836	76	154	178	52	192	184	—
Median age .....	50.9	50.6	54.1	50.7	36.9	43.4	36.1	34.7	35.1	34.7	59.2	32.5
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980 .....	927	741	169	17	2 707	170	509	867	301	623	233	4
1975 to 1978 .....	2 649	2 366	273	10	3 242	307	674	808	328	821	304	—
1970 to 1974 .....	1 797	1 641	151	5	1 054	90	264	258	51	238	153	—
1960 to 1969 .....	3 209	3 048	146	15	536	81	153	146	77	56	23	—
1959 or earlier .....	3 909	3 400	499	10	480	48	214	165	32	13	8	—
<b>ROOMS</b>												
1 room .....	8	8	—	—	71	7	—	5	13	46	—	—
2 rooms .....	15	10	5	—	416	35	20	52	65	154	90	—
3 rooms .....	81	46	25	10	2 150	77	146	468	300	791	368	—
4 rooms .....	1 315	996	283	36	2 915	181	725	826	287	693	199	4
5 rooms .....	3 632	3 101	526	5	1 713	144	682	648	115	60	64	—
6 rooms .....	4 097	3 844	247	6	572	164	185	207	9	7	—	—
7 or more rooms .....	3 343	3 191	152	—	182	88	56	38	—	—	—	—
Median .....	5.8	5.9	5.1	4.0	4.0	4.8	4.5	4.2	3.6	3.4	3.2	4.0
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
Complete plumbing for exclusive use .....	12 436	11 181	1 198	57	7 875	689	1 796	2 218	778	1 686	704	4
0.50 or less .....	7 225	6 422	762	41	4 802	372	1 024	1 313	470	1 079	544	—
0.51 to 1.00 .....	5 027	4 609	402	16	2 839	284	699	850	273	581	152	—
1.01 to 1.50 .....	184	150	34	—	214	27	69	49	35	26	8	—
1.51 or more .....	—	—	—	—	20	6	4	6	—	—	—	4
Lacking complete plumbing for exclusive use .....	55	15	40	—	144	7	18	26	11	65	17	—
0.50 or less .....	32	15	17	—	63	—	13	5	11	24	10	—
0.51 to 1.00 .....	20	—	20	—	61	—	5	15	—	41	—	—
1.01 to 1.50 .....	3	—	3	—	20	7	—	6	—	—	7	—
1.51 or more .....	—	—	—	—	—	—	—	—	—	—	—	—
<b>BEDROOMS</b>												
None .....	8	8	—	—	115	16	—	24	18	57	—	—
1 .....	506	391	110	5	2 898	135	346	633	368	925	491	—
2 .....	3 343	2 699	603	41	3 797	251	1 059	1 207	347	724	205	4
3 .....	6 577	6 133	433	11	1 030	201	352	351	56	45	25	—
4 .....	1 784	1 703	81	—	127	63	42	22	—	—	—	—
5 or more .....	273	262	11	—	52	30	15	7	—	—	—	—
<b>HOUSEHOLD INCOME IN 1979</b>												
less than \$5,000 .....	534	436	88	10	1 056	102	262	241	122	177	152	—
\$5,000 to \$9,999 .....	944	796	148	—	1 705	102	333	432	208	411	219	—
\$10,000 to \$12,499 .....	706	597	104	5	930	60	195	250	123	221	81	—
\$12,500 to \$14,999 .....	582	480	91	11	782	55	180	255	30	184	74	4
\$15,000 to \$19,999 .....	2 034	1 834	179	21	1 570	136	356	453	118	439	68	—
\$20,000 to \$24,999 .....	2 102	1 872	220	10	821	82	206	240	92	152	49	—
\$25,000 to \$34,999 .....	3 147	2 905	242	—	883	120	243	273	88	120	39	—
\$35,000 to \$49,999 .....	1 814	1 677	137	—	212	23	24	89	8	36	32	—
\$50,000 or more .....	628	599	29	—	60	16	15	11	—	11	7	—
Median .....	\$23 397	\$23 836	\$20 245	\$17 798	\$13 518	\$16 480	\$14 125	\$14 451	\$11 311	\$13 404	\$9 555	\$13 750
Mean .....	\$25 753	\$25 885	\$25 089	\$14 281	\$14 949	\$17 247	\$15 182	\$15 756	\$13 424	\$14 595	\$12 169	\$14 600
<b>SELECTED CHARACTERISTICS</b>												
Heating equipment .....	12 491	11 196	1 238	57	8 012	696	1 814	2 237	789	1 751	721	4
Steam or hot water system .....	7 046	6 473	568	5	3 529	285	853	849	379	797	366	—
Central warm-air furnace or electric heat pump .....	3 456	2 887	522	47	1 909	210	599	487	119	359	131	4
Other built-in electric units .....	1 330	1 292	32	—	1 557	148	81	451	172	513	192	—
Floor, wall, or pipeless furnace .....	54	39	15	—	126	13	21	33	25	13	21	—
Other means .....	605	505	95	5	891	40	260	417	94	69	11	—
Air conditioning .....	7 184	6 424	724	36	3 645	291	637	937	255	1 070	451	4
Central system .....	780	592	188	—	333	52	13	137	—	104	27	—
Vehicles available .....	12 060	10 844	1 159	57	6 908	579	1 575	2 018	670	1 576	486	4
1 .....	3 632	3 075	516	41	4 525	333	956	1 194	482	1 162	398	—
2 or more .....	8 428	7 769	643	16	2 383	246	619	824	188	414	88	4
House heating fuel .....	12 491	11 196	1 238	57	8 012	696	1 814	2 237	789	1 751	721	4
Utility gas .....	1 428	908	520	—	1 841	93	577	797	182	151	41	—
Bottled, tank, or LP gas .....	43	32	6	5	91	—	8	60	15	8	—	—
Electricity .....	1 440	1 396	44	—	1 942	177	98	511	210	670	276	—
Fuel oil, kerosene, etc. .....	9 273	8 564	657	52	4 114	421	1 124	863	382	916	404	4
Other .....	307	296	11	—	24	5	7	6	—	6	—	—
Water heating fuel .....	12 491	11 196	1 238	57	8 006	689	1 814	2 244	789	1 745	721	4
Utility gas .....	1 930	1 216	714	—	2 325	125	822	935	236	173	34	—
Bottled, tank, or LP gas .....	229	192	32	5	218	19	67	79	34	6	13	—
Electricity .....	4 010	3 792	172	46	2 636	280	373	652	243	783	301	4
Fuel oil, kerosene, etc. .....	6 307	5 984	317	6	2 807	258	545	578	276	777	373	—
Other .....	15	12	3	—	20	7	7	—	—	6	—	—
Family householder .....	11 123	10 081	1 000	42	4 477	493	1 255	1 331	352	766	276	4
With own children under 18 years .....	5 332	4 899	416	17	2 604	322	771	759	185	458	105	4
With own children under 6 years .....	1 686	1 542	138	6	1 302	124	423	384	82	236	49	4
Male householder, no husband present .....	877	729	137	11	1 219	157	348	308	72	248	82	4
With own children under 18 years .....	343	258	74	11	848	110	224	221	44	182	63	4
With own children under 6 years .....	45	34	11	—	313	32	81	85	24	48	39	4
Nonfamily householder .....	1 368	1 115	238	15	3 542	203	559	913	437	985	445	—
Income in 1979 below poverty level .....	345	296	39	10	918	153	234	240	94	98	99	—
Percent below poverty level .....	2.8	2.6	3.2	17.5	11.4	22.0	12.9	10.7	11.9	5.6	13.7	—



Table B—9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Bristol	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
<b>Owner-occupied housing units</b> .....	<b>12 491</b>	<b>1 275</b>	<b>3 921</b>	<b>2 622</b>	<b>2 631</b>	<b>1 258</b>	<b>559</b>	<b>186</b>	<b>39</b>	<b>2.90</b>	<b>38 919</b>
Nonrelatives present .....	203	—	58	41	14	42	20	13	15	3.68	798
<b>ROOMS</b>											
1 to 3 rooms .....	104	55	49	—	—	—	—	—	—	1.45	149
4 rooms .....	1 315	366	691	172	63	11	12	—	—	1.92	2 798
5 rooms .....	3 632	383	1 318	822	670	328	75	36	—	2.64	10 780
6 rooms .....	4 097	331	1 209	989	1 013	373	144	32	6	3.01	12 800
7 rooms .....	1 950	98	404	455	493	288	149	48	15	3.54	6 810
8 or more rooms .....	1 393	42	250	184	392	258	179	70	18	4.06	5 582
Median .....	5.8	5.1	5.4	5.8	6.1	6.3	6.8	7.0	7.4	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>											
<b>Complete plumbing for exclusive use</b> .....	<b>12 436</b>	<b>1 252</b>	<b>3 915</b>	<b>2 615</b>	<b>2 624</b>	<b>1 249</b>	<b>556</b>	<b>186</b>	<b>39</b>	<b>2.90</b>	<b>38 689</b>
1.00 or less .....	12 252	1 252	3 915	2 615	2 624	1 238	472	118	18	2.87	37 540
1.01 to 1.50 .....	184	—	—	—	—	11	84	68	21	6.46	1 149
1.51 or more .....	—	—	—	—	—	—	—	—	—	—	—
<b>Lacking complete plumbing for exclusive use</b> .....	<b>55</b>	<b>23</b>	<b>6</b>	<b>7</b>	<b>7</b>	<b>9</b>	<b>3</b>	<b>—</b>	<b>—</b>	<b>2.25</b>	<b>230</b>
1.00 or less .....	52	23	6	7	7	9	—	—	—	2.00	194
1.01 to 1.50 .....	3	—	—	—	—	—	3	—	—	6.00	36
1.51 or more .....	—	—	—	—	—	—	—	—	—	—	—
<b>UNITS IN STRUCTURE</b>											
1, detached or attached .....	11 196	1 045	3 430	2 398	2 430	1 164	518	172	39	2.97	33 932
2 or more .....	1 238	220	461	207	201	94	41	14	—	2.37	4 835
Mobile home or trailer, etc. ....	57	10	30	17	—	—	—	—	—	2.12	152
<b>VALUE</b>											
<b>Specified owner-occupied housing units</b> .....	<b>10 687</b>	<b>974</b>	<b>3 329</b>	<b>2 273</b>	<b>2 329</b>	<b>1 075</b>	<b>499</b>	<b>172</b>	<b>36</b>	<b>2.96</b>	<b>31 919</b>
Less than \$10,000 .....	—	—	—	—	—	—	—	—	—	—	—
\$10,000 to \$19,999 .....	92	23	37	14	18	—	—	—	—	2.12	155
\$20,000 to \$29,999 .....	252	56	139	21	28	8	—	—	—	2.00	456
\$30,000 to \$39,999 .....	1 171	220	447	233	177	63	16	15	—	2.32	2 683
\$40,000 to \$49,999 .....	2 240	223	801	455	432	163	108	51	7	2.71	6 500
\$50,000 to \$59,999 .....	2 706	237	816	672	578	287	84	32	—	2.95	7 945
\$60,000 to \$79,999 .....	3 288	194	879	692	828	445	198	38	14	3.33	10 630
\$80,000 to \$99,999 .....	630	14	135	138	176	61	64	27	15	3.66	2 275
\$100,000 to \$149,999 .....	262	7	69	43	86	29	23	5	—	3.64	1 064
\$150,000 or more .....	46	—	6	5	6	19	6	4	—	4.82	211
Median .....	\$54 800	\$47 800	\$52 300	\$55 100	\$58 500	\$60 500	\$63 200	\$57 500	\$63 900	...	...
<b>SELECTED CHARACTERISTICS</b>											
<b>All income levels in 1979</b> .....	<b>12 491</b>	<b>1 275</b>	<b>3 921</b>	<b>2 622</b>	<b>2 631</b>	<b>1 258</b>	<b>559</b>	<b>186</b>	<b>39</b>	<b>2.90</b>	<b>38 919</b>
Median income .....	\$23 397	\$9 121	\$20 037	\$24 317	\$27 291	\$29 161	\$30 382	\$35 750	\$57 031	...	...
Median selected monthly owner costs as percentage of household income .....	17.6	29.5	17.2	16.5	17.0	17.3	17.2	13.6	13.9	...	...
With a mortgage .....	18.9	32.2	19.6	18.8	18.2	18.0	17.5	13.8	13.9	...	...
Not mortgaged .....	14.2	28.1	14.7	11.6	10—	10—	10.0	12.5	—	...	...
<b>Income in 1979 below poverty level</b> .....	<b>345</b>	<b>136</b>	<b>100</b>	<b>40</b>	<b>40</b>	<b>29</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>1.86</b>	<b>...</b>
Median income .....	\$2 821	\$2500—	\$2 685	\$5 119	\$4 048	\$3 828	—	—	—	...	...
Median selected monthly owner costs as percentage of household income .....	50+	50+	50+	50+	50+	50+	—	—	—	...	...
With a mortgage .....	50+	50+	50+	50+	50+	50+	—	—	—	...	...
Not mortgaged .....	50+	50+	50+	50+	—	—	—	—	—	...	...
<b>Renter-occupied housing units</b> .....	<b>8 019</b>	<b>3 043</b>	<b>2 354</b>	<b>1 170</b>	<b>891</b>	<b>338</b>	<b>150</b>	<b>60</b>	<b>13</b>	<b>1.91</b>	<b>17 840</b>
Nonrelatives present .....	778	—	445	133	114	48	30	—	8	2.37	2 177
<b>ROOMS</b>											
1 room .....	71	71	—	—	—	—	—	—	—	1.00	56
2 rooms .....	416	349	56	5	6	—	—	—	—	1.10	486
3 rooms .....	2 150	1 521	560	63	—	6	—	—	—	1.21	2 847
4 rooms .....	2 915	659	1 097	675	377	76	23	8	—	2.23	6 838
5 rooms .....	1 713	371	505	291	310	126	87	23	—	2.46	4 791
6 rooms .....	572	72	112	98	156	109	18	7	—	3.53	1 954
7 or more rooms .....	182	—	24	38	42	21	22	22	13	4.19	868
Median .....	4.0	3.2	4.0	4.3	4.7	5.2	5.1	5.5	8.0	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>											
<b>Complete plumbing for exclusive use</b> .....	<b>7 875</b>	<b>2 972</b>	<b>2 329</b>	<b>1 157</b>	<b>876</b>	<b>338</b>	<b>130</b>	<b>60</b>	<b>13</b>	<b>1.91</b>	<b>17 514</b>
1.00 or less .....	7 641	2 972	2 329	1 152	870	256	40	22	—	1.86	16 050
1.01 to 1.50 .....	214	—	—	5	—	76	90	30	13	5.79	1 326
1.51 or more .....	20	—	—	—	6	6	—	8	—	5.17	138
<b>Lacking complete plumbing for exclusive use</b> .....	<b>144</b>	<b>71</b>	<b>25</b>	<b>13</b>	<b>15</b>	<b>—</b>	<b>20</b>	<b>—</b>	<b>—</b>	<b>1.54</b>	<b>326</b>
1.00 or less .....	124	71	25	13	15	—	—	—	—	1.37	206
1.01 to 1.50 .....	20	—	—	—	—	—	20	—	—	6.00	120
1.51 or more .....	—	—	—	—	—	—	—	—	—	—	—
<b>UNITS IN STRUCTURE</b>											
1, detached or attached .....	696	186	162	124	81	89	32	14	8	2.50	2 089
2 .....	1 814	501	528	305	316	102	29	28	5	2.27	4 672
3 and 4 .....	2 244	730	688	377	311	68	62	8	—	2.07	5 138
5 to 9 .....	789	355	245	98	49	24	12	6	—	1.66	1 531
10 to 49 .....	1 751	863	487	234	134	33	—	—	—	1.53	3 223
50 or more .....	721	408	244	32	—	22	15	—	—	1.38	1 136
Mobile home or trailer, etc. ....	4	—	—	—	—	—	—	4	—	7.00	51
<b>GROSS RENT</b>											
<b>Specified renter-occupied housing units</b> .....	<b>7 973</b>	<b>3 025</b>	<b>2 345</b>	<b>1 160</b>	<b>885</b>	<b>335</b>	<b>150</b>	<b>60</b>	<b>13</b>	<b>1.91</b>	<b>17 689</b>
Less than \$100 .....	531	378	88	59	6	—	—	—	—	1.20	672
\$100 to \$149 .....	550	390	88	40	9	—	14	—	—	1.21	820
\$150 to \$199 .....	1 205	647	350	102	58	35	5	8	—	1.43	2 115
\$200 to \$249 .....	1 965	750	662	231	204	86	28	4	—	1.85	4 263
\$250 to \$299 .....	1 911	546	647	332	278	49	26	25	8	2.13	4 518
\$300 to \$349 .....	982	182	335	183	156	96	13	12	5	2.42	2 627
\$350 to \$399 .....	330	32	61	126	66	18	20	7	—	3.07	1 115
\$400 to \$499 .....	272	15	51	63	76	33	34	—	—	3.59	930
\$500 or more .....	75	14	14	7	26	4	10	—	—	3.60	277
No cash rent .....	152	71	49	17	6	5	—	4	—	1.60	352
Median .....	\$242	\$204	\$247	\$274	\$279	\$272	\$308	\$287	\$270	...	...
<b>SELECTED CHARACTERISTICS</b>											
<b>All income levels in 1979</b> .....	<b>8 019</b>	<b>3 043</b>	<b>2 354</b>	<b>1 170</b>	<b>891</b>	<b>338</b>	<b>150</b>	<b>60</b>	<b>13</b>	<b>1.91</b>	<b>17 840</b>
Median income .....	\$13 518	\$9 660	\$15 759	\$16 010	\$17 622	\$19 122	\$18 611	\$18 289	\$14 531	...	...
Median gross rent as percentage of household income .....	21.3	23.4	19.8	20.8	19.0	20.8	21.1	17.9	20.9	...	...
<b>Income in 1979 below poverty level</b> .....	<b>918</b>	<b>317</b>	<b>188</b>	<b>172</b>	<b>97</b>	<b>57</b>	<b>63</b>	<b>16</b>	<b>8</b>	<b>2.26</b>	<b>...</b>
Median income .....	\$3 511	\$2 569	\$3 356	\$3 969	\$4 899	\$5 043	\$7 019	\$6 250	\$13 750	...	...
Median gross rent as percentage of household income .....	50+	50+	50+	47.8	50+	48.1	44.2	35.0	22.5	...	...

Table B—10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and 8.]

Bristol city	Married-couple families																Male householder, no wife present					Female householder, no husband present					Median age
	15 to 24 years					25 to 34 years					35 to 44 years					45 to 64 years					65 years and over						
	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over							
Total	12 491	1 193	1 882	2 124	4 367	1 430	18	142	96	214	230	30	113	181	672	799	50.9										
1 275	90	464	142	1 468	1 113	12	99	47	103	151	19	18	37	297	529	66.1											
3 921	57	479	328	1 145	263	6	32	12	49	64	11	32	63	188	213	61.2											
2 622	27	664	774	1 004	38	—	5	21	5	2	—	—	48	114	47	50.8											
2 631	5	211	540	439	16	—	6	10	8	3	—	—	15	40	10	42.4											
1 258	14	64	340	321	—	—	—	6	—	—	—	—	—	29	7	41.8											
784	2.61	3.50	4.26	3.12	2.14	1.25	1.22	1.58	1.58	1.26	1.29	2.64	3.35	1.71	1.26	44.0											
2.90	596	6 826	9 165	14 334	3 222	24	216	203	427	433	52	279	642	1 337	1 163	65.1											
38 919																											
12 436	193	1 878	2 115	4 364	1 420	18	142	96	214	230	24	113	178	669	782	50.8											
184	12	26	71	64	10	—	—	—	—	—	—	—	—	3	17	41.5											
55	—	4	9	3	—	—	—	—	—	—	6	—	3	—	—	54.2											
3	—	—	3	—	—	—	—	—	—	—	—	—	—	—	—	37.5											
PLUMBING FACILITIES BY PERSONS PER ROOM																											
Complete plumbing for exclusive use																											
1.01 or more persons per room																											
Lacking complete plumbing for exclusive use																											
1.01 or more persons per room																											
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																											
Specified owner-occupied housing units																											
With a mortgage																											
Less than 15 percent																											
15 to 19 percent																											
20 to 24 percent																											
25 to 29 percent																											
30 to 34 percent																											
35 percent or more																											
Not computed																											
Median																											
Not mortgaged																											
Less than 10 percent																											
10 to 14 percent																											
15 to 19 percent																											
20 to 24 percent																											
25 to 29 percent																											
30 to 34 percent																											
35 percent or more																											
Not computed																											
Median																											
Renter-occupied housing units																											
PERSONS IN UNIT																											
1 person																											
2 persons																											
3 persons																											
4 persons																											
5 persons																											
6 or more persons																											
Median																											
Total persons																											
PLUMBING FACILITIES BY PERSONS PER ROOM																											
Complete plumbing for exclusive use																											
1.01 or more persons per room																											
Lacking complete plumbing for exclusive use																											
1.01 or more persons per room																											
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																											
Specified renter-occupied housing units																											
Less than 15 percent																											
15 to 19 percent																											
20 to 24 percent																											
25 to 29 percent																											
30 to 34 percent																											
35 to 49 percent																											
50 percent or more																											
Not computed																											
Median																											



Table B-11. **Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980**

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Bristol	Total	Male householder						Female householder					
		Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over
<b>Owner-occupied housing units</b> .....	<b>1 275</b>	<b>412</b>	<b>12</b>	<b>99</b>	<b>47</b>	<b>103</b>	<b>151</b>	<b>863</b>	<b>19</b>	<b>18</b>	—	<b>297</b>	<b>529</b>
<b>PLUMBING FACILITIES</b>													
Complete plumbing for exclusive use .....	1 252	412	12	99	47	103	151	840	13	18	—	297	512
Lacking complete plumbing for exclusive use .....	23	—	—	—	—	—	—	23	6	—	—	—	17
<b>UNITS IN STRUCTURE</b>													
1, detached or attached .....	1 045	317	9	65	47	78	118	728	13	14	—	266	435
2 or more .....	220	95	3	34	—	25	33	125	6	4	—	26	89
Mobile home or trailer, etc. ....	10	—	—	—	—	—	—	10	—	—	—	5	5
<b>HOUSEHOLD INCOME IN 1979</b>													
Less than \$5,000 .....	348	66	—	—	7	12	47	282	—	—	—	37	245
\$5,000 to \$9,999 .....	350	77	—	8	—	11	58	273	6	—	—	77	190
\$10,000 to \$12,499 .....	181	79	9	6	9	24	31	102	—	7	—	70	25
\$12,500 to \$14,999 .....	108	31	—	7	—	18	6	77	—	4	—	40	33
\$15,000 to \$19,999 .....	165	74	—	38	19	17	—	91	13	7	—	53	18
\$20,000 to \$24,999 .....	78	47	3	30	—	14	—	31	—	—	—	20	11
\$25,000 to \$34,999 .....	45	38	—	10	12	7	9	7	—	—	—	—	7
\$35,000 to \$49,999 .....	—	—	—	—	—	—	—	—	—	—	—	—	—
\$50,000 or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Median .....	\$9 121	\$11 994	\$11 667	\$19 120	\$17 604	\$13 125	\$7 159	\$7 661	\$16 094	\$13 750	—	\$11 232	\$5 487
Mean .....	\$10 264	\$13 375	\$13 879	\$18 514	\$16 405	\$13 815	\$8 723	\$8 778	\$13 360	\$14 848	—	\$11 039	\$7 138
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS</b>													
<b>Specified owner-occupied housing units</b> .....	<b>974</b>	<b>296</b>	—	<b>65</b>	<b>47</b>	<b>74</b>	<b>110</b>	<b>678</b>	<b>13</b>	<b>14</b>	—	<b>239</b>	<b>412</b>
<b>With a mortgage</b> .....	<b>341</b>	<b>155</b>	—	<b>65</b>	<b>17</b>	<b>52</b>	<b>21</b>	<b>186</b>	<b>13</b>	<b>14</b>	—	<b>116</b>	<b>43</b>
Less than \$200 .....	14	8	—	—	—	—	8	6	—	—	—	—	6
\$200 to \$249 .....	56	25	—	—	—	18	7	31	—	—	—	31	—
\$250 to \$299 .....	65	17	—	—	5	6	6	48	—	—	—	42	6
\$300 to \$349 .....	35	8	—	—	—	8	—	27	—	—	—	16	11
\$350 to \$399 .....	61	26	—	7	6	13	—	35	8	14	—	13	—
\$400 to \$499 .....	68	46	—	46	—	—	—	22	—	—	—	8	14
\$500 to \$599 .....	36	19	—	6	6	7	—	17	5	—	—	6	6
\$600 to \$749 .....	—	—	—	—	—	—	—	—	—	—	—	—	—
\$750 or more .....	6	6	—	6	—	—	—	—	—	—	—	—	—
Median .....	\$350	\$388	—	\$451	\$379	\$313	\$218	\$315	\$391	\$375	—	\$282	\$343
<b>Not mortgaged</b> .....	<b>633</b>	<b>141</b>	—	—	<b>30</b>	<b>22</b>	<b>89</b>	<b>492</b>	—	—	—	<b>123</b>	<b>369</b>
Less than \$50 .....	—	—	—	—	—	—	—	—	—	—	—	—	—
\$50 to \$74 .....	—	—	—	—	—	—	—	—	—	—	—	—	—
\$75 to \$99 .....	28	15	—	—	—	8	7	13	—	—	—	—	13
\$100 to \$124 .....	96	22	—	—	7	—	15	74	—	—	—	15	59
\$125 to \$149 .....	115	34	—	—	14	7	13	81	—	—	—	16	65
\$150 to \$199 .....	256	37	—	—	9	—	28	219	—	—	—	63	156
\$200 to \$249 .....	111	33	—	—	—	7	26	78	—	—	—	19	59
\$250 or more .....	27	—	—	—	—	—	—	27	—	—	—	10	17
Median .....	\$165	\$150	—	—	\$139	\$136	\$167	\$168	—	—	—	\$174	\$165
<b>SELECTED CHARACTERISTICS</b>													
Median selected monthly owner costs as percentage of household income in 1979 .....	29.5	27.1	—	32.3	21.5	22.5	28.5	30.3	29.1	32.0	—	24.8	34.9
With a mortgage .....	32.2	31.8	—	32.3	22.9	28.1	50+	34.3	29.1	32.0	—	27.7	47.7
Not mortgaged .....	28.1	20.5	—	—	20.6	10—	24.5	29.9	—	—	—	19.3	32.8
Income in 1979 below poverty level .....	136	34	—	—	7	6	21	102	—	—	—	24	78
Percent below poverty level .....	10.7	8.3	—	—	14.9	5.8	13.9	11.8	—	—	—	8.1	14.7
<b>Renter-occupied housing units</b> .....	<b>3 043</b>	<b>1 192</b>	<b>169</b>	<b>309</b>	<b>189</b>	<b>372</b>	<b>153</b>	<b>1 851</b>	<b>222</b>	<b>338</b>	<b>121</b>	<b>420</b>	<b>750</b>
<b>PLUMBING FACILITIES</b>													
Complete plumbing for exclusive use .....	2 972	1 138	164	303	189	339	143	1 834	222	333	121	414	744
Lacking complete plumbing for exclusive use .....	71	54	5	6	—	33	10	17	—	5	—	6	6
<b>UNITS IN STRUCTURE</b>													
1, detached or attached .....	186	62	12	9	—	28	13	124	4	17	7	33	63
2 .....	501	161	27	51	36	41	6	340	40	60	27	86	127
3 and 4 .....	730	268	50	71	41	84	22	462	83	84	26	111	158
5 to 9 .....	355	178	31	41	50	34	22	177	44	25	12	51	45
10 to 49 .....	863	392	42	110	56	159	25	471	44	121	30	96	180
50 or more .....	408	131	7	27	6	26	65	277	7	31	19	43	177
Mobile home or trailer, etc. ....	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>HOUSEHOLD INCOME IN 1979</b>													
Less than \$5,000 .....	658	115	18	5	17	21	54	543	15	18	15	130	365
\$5,000 to \$9,999 .....	927	283	59	39	30	77	78	644	124	100	25	136	259
\$10,000 to \$12,499 .....	414	152	59	41	11	35	6	262	31	93	40	62	36
\$12,500 to \$14,999 .....	321	148	12	74	18	44	—	173	11	69	18	22	53
\$15,000 to \$19,999 .....	490	305	14	135	44	97	15	185	36	53	23	53	20
\$20,000 to \$24,999 .....	111	89	7	5	37	40	—	22	—	5	—	11	6
\$25,000 to \$34,999 .....	80	74	—	10	32	32	—	6	—	—	—	—	6
\$35,000 to \$49,999 .....	24	8	—	—	—	8	—	16	5	—	—	6	5
\$50,000 or more .....	18	18	—	—	—	18	—	—	—	—	—	—	—
Median .....	\$9 660	\$13 277	\$10 318	\$14 848	\$16 542	\$15 625	\$6 308	\$7 842	\$9 091	\$11 371	\$11 281	\$7 879	\$5 126
Mean .....	\$10 991	\$14 504	\$9 782	\$14 428	\$16 370	\$18 922	\$6 830	\$8 729	\$10 567	\$11 443	\$10 684	\$9 046	\$6 469
<b>GROSS RENT</b>													
<b>Specified renter-occupied housing units</b> .....	<b>3 025</b>	<b>1 184</b>	<b>164</b>	<b>309</b>	<b>189</b>	<b>369</b>	<b>153</b>	<b>1 841</b>	<b>222</b>	<b>338</b>	<b>121</b>	<b>420</b>	<b>740</b>
Less than \$100 .....	378	47	—	—	13	14	20	331	—	11	9	64	247
\$100 to \$149 .....	390	140	10	12	17	69	32	250	42	6	—	44	158
\$150 to \$199 .....	647	281	27	78	49	93	34	366	55	92	12	103	104
\$200 to \$249 .....	750	320	60	105	58	78	19	430	76	128	49	97	80
\$250 to \$299 .....	546	280	61	93	48	72	6	266	32	69	45	55	65
\$300 to \$349 .....	182	54	6	16	—	12	20	128	11	17	6	31	63
\$350 to \$399 .....	32	6	—	—	—	6	—	26	—	15	—	—	11
\$400 to \$499 .....	15	9	—	5	4	—	—	6	6	—	—	—	—
\$500 or more .....	14	14	—	—	—	7	7	—	—	—	—	—	—
No cash rent .....	71	33	—	—	—	18	15	38	—	—	—	26	12
Median .....	\$204	\$219	\$241	\$233	\$213	\$200	\$182	\$193	\$209	\$226	\$238	\$188	\$128
<b>SELECTED CHARACTERISTICS</b>													
Median gross rent as percentage of household income in 1979 .....	23.4	19.0	28.5	19.1	15.1	15.7	34.5	25.2	24.1	23.8	25.7	28.0	25.9
Income in 1979 below poverty level .....	317	51	5	5	10	13	18	266	15	10	15	99	127
Percent below poverty level .....	10.4	4.3	3.0	1.6	5.3	3.5	11.8	14.4	6.8	3.0	12.4	23.6	16.9

Table B—12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Bristol					Bristol city				
	Total	Less than 2 months	2 up to 6 months	6 or more months		Total	Less than 2 months	2 up to 6 months	6 or more months
<b>Vacant for sale only housing units</b> .....	<b>61</b>	<b>23</b>	<b>38</b>	<b>-</b>	<b>Vacant for rent housing units</b> .....	<b>215</b>	<b>125</b>	<b>90</b>	<b>-</b>
<b>ROOMS</b>					<b>ROOMS</b>				
1 to 3 rooms .....	-	-	-	-	1 room .....	21	7	14	-
4 rooms .....	21	9	12	-	2 rooms .....	31	22	9	-
5 rooms .....	31	7	24	-	3 rooms .....	24	24	-	-
6 rooms .....	8	6	2	-	4 rooms .....	72	52	20	-
7 rooms .....	-	-	-	-	5 rooms .....	25	14	11	-
8 or more rooms .....	1	1	-	-	6 rooms .....	30	6	24	-
Median .....	4.8	4.9	4.8	-	7 or more rooms .....	12	-	12	-
					Median .....	3.9	3.7	4.7	-
<b>PLUMBING FACILITIES</b>					<b>PLUMBING FACILITIES</b>				
Complete plumbing for exclusive use .....	61	23	38	-	Complete plumbing for exclusive use .....	206	116	90	-
Lacking complete plumbing for exclusive use .....	-	-	-	-	Lacking complete plumbing for exclusive use .....	9	9	-	-
<b>BEDROOMS</b>					<b>BEDROOMS</b>				
None .....	-	-	-	-	None .....	21	7	14	-
1 .....	6	6	-	-	1 .....	86	77	9	-
2 .....	43	12	31	-	2 .....	60	35	25	-
3 .....	10	5	5	-	3 .....	48	6	42	-
4 .....	2	-	2	-	4 .....	-	-	-	-
5 or more .....	-	-	-	-	5 or more .....	-	-	-	-
<b>YEAR STRUCTURE BUILT</b>					<b>YEAR STRUCTURE BUILT</b>				
1975 to March 1980 .....	14	4	10	-	1975 to March 1980 .....	2	-	2	-
1970 to 1974 .....	-	-	-	-	1970 to 1974 .....	47	19	28	-
1960 to 1969 .....	-	-	-	-	1960 to 1969 .....	41	27	14	-
1950 to 1959 .....	15	6	9	-	1950 to 1959 .....	-	-	-	-
1940 to 1949 .....	11	4	7	-	1940 to 1949 .....	17	17	-	-
1939 or earlier .....	21	9	12	-	1939 or earlier .....	108	62	46	-
<b>UNITS IN STRUCTURE</b>					<b>UNITS IN STRUCTURE</b>				
1, detached or attached .....	36	8	28	-	1, detached or attached .....	66	28	38	-
2 or more .....	25	15	10	-	2 .....	18	5	13	-
Mobile home or trailer .....	-	-	-	-	3 and 4 .....	44	37	7	-
					5 to 9 .....	31	31	-	-
<b>HEATING EQUIPMENT</b>					10 to 49 .....	47	15	32	-
Central heating system .....	61	23	38	-	50 or more .....	9	9	-	-
Other means .....	-	-	-	-	Mobile home or trailer .....	-	-	-	-
None .....	-	-	-	-					
<b>PRICE ASKED</b>					<b>RENT ASKED</b>				
<b>Specified vacant for sale only housing units</b> .....	<b>36</b>	<b>8</b>	<b>28</b>	<b>-</b>	<b>Specified vacant for rent housing units</b> .....	<b>215</b>	<b>125</b>	<b>90</b>	<b>-</b>
Less than \$10,000 .....	-	-	-	-	Less than \$100 .....	18	18	-	-
\$10,000 to \$19,999 .....	4	4	-	-	\$100 to \$149 .....	38	19	19	-
\$20,000 to \$29,999 .....	-	-	-	-	\$150 to \$199 .....	35	24	11	-
\$30,000 to \$39,999 .....	7	-	7	-	\$200 to \$249 .....	81	40	41	-
\$40,000 to \$49,999 .....	14	-	14	-	\$250 to \$299 .....	34	22	12	-
\$50,000 to \$59,999 .....	7	-	7	-	\$300 to \$399 .....	9	2	7	-
\$60,000 to \$79,999 .....	3	3	-	-	\$400 or more .....	-	-	-	-
\$80,000 to \$99,999 .....	-	-	-	-	Median .....	\$206	\$202	\$209	-
\$100,000 or more .....	1	1	-	-					
Median .....	\$42 500	\$47 500	\$42 500	-					

Table B—13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Price asked—Specified vacant for sale only housing units								Rent asked—Specified vacant for rent housing units						
	Total	Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Median (dollars)	Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more	Median (dollars)
<b>Bristol</b>														
<b>Total</b> .....	<b>36</b>	<b>-</b>	<b>4</b>	<b>21</b>	<b>10</b>	<b>1</b>	<b>42 500</b>	<b>215</b>	<b>18</b>	<b>73</b>	<b>115</b>	<b>9</b>	<b>-</b>	<b>206</b>
<b>PLUMBING FACILITIES</b>														
Complete plumbing for exclusive use .....	36	-	4	21	10	1	42 500	206	18	64	115	9	-	208
Lacking complete plumbing for exclusive use .....	-	-	-	-	-	-	-	9	-	9	-	-	-	125
<b>BEDROOMS</b>														
None .....	-	-	-	-	-	-	-	21	-	21	-	-	-	148
1 .....	-	-	-	-	-	-	-	86	18	27	41	-	-	187
2 .....	24	-	-	21	3	-	41 800	60	-	17	41	2	-	209
3 .....	10	-	4	-	5	1	56 000	48	-	8	33	7	-	219
4 .....	2	-	-	-	2	-	52 500	-	-	-	-	-	-	-
5 or more .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>YEAR STRUCTURE BUILT</b>														
1975 to March 1980 .....	14	-	-	5	8	1	57 000	2	-	2	-	-	-	185
1970 to 1974 .....	-	-	-	-	-	-	-	47	-	21	26	-	-	202
1960 to 1969 .....	-	-	-	-	-	-	-	41	18	14	9	-	-	135
1950 to 1959 .....	9	-	-	9	-	-	42 500	-	-	-	-	-	-	-
1940 to 1949 .....	11	-	4	7	-	-	31 100	17	-	-	17	-	-	288
1939 or earlier .....	2	-	-	-	2	-	52 500	108	-	36	63	9	-	213
<b>UNITS IN STRUCTURE</b>														
1, detached or attached .....	36	-	4	21	10	1	42 500	66	-	11	53	2	-	233
2 or more .....	...	...	...	...	...	...	...	149	18	62	62	7	-	183
Mobile home or trailer .....	...	...	...	...	...	...	...	-	-	-	-	-	-	-

Appendix A.—Area Classifications

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REGIONS

Regions are large groups of States that form the first-order subdivisions of the United States for census purposes. The four regions are the Northeast, North Central, South, and West.

STATES

The 50 States and the District of Columbia are the constituent units of the United States.

PLACES

Two types of places are recognized in the census reports—incorporated places and census designated places—as defined below. Places with a 1980 population below 50,000 are not shown in this report unless they are central cities of standard metropolitan statistical areas.

Incorporated Places

Incorporated places recognized in the reports of the census are those which are incorporated under the laws of their respective States as cities, boroughs, towns, and villages, with the following exceptions: boroughs in Alaska and New York, and towns in the six

New England States, New York, and Wisconsin.

Census Designated Places

As in the 1950, 1960, and 1970 censuses, the Census Bureau has delineated boundaries for closely settled population centers without corporate limits. In 1980, the name of each such place is followed by "(CDP)," meaning "census designated place." In the 1970 and earlier censuses, these places were identified by "(U)," meaning "unincorporated place."

Census designated place boundaries change with changes in the settlement pattern; a place which has the same name as in previous censuses does not necessarily have the same boundaries. Boundary outlines for CDP's appear on the county subdivision maps in the HC80-1-A, *General Housing Characteristics*, reports for States. Detailed maps are available for purchase from the Census Bureau.

Eleven states, (Connecticut, Maine, Massachusetts, Michigan, New Hampshire, New York, New Jersey, Pennsylvania, Rhode Island, Vermont, and Wisconsin), contain towns or townships which are coextensive with census designated places (CDP's). Data for these areas are not shown in the tables.

STANDARD METROPOLITAN  
STATISTICAL AREAS

Definition

The general concept of a metropolitan area is one of a large population nucleus, together with adjacent communities which have a high degree of economic and social integration with that nucleus. The standard metropolitan statistical area (SMSA) classification is a statistical standard, developed for use by Federal agencies in the production, analysis, and publication of data on metropolitan areas. The SMSA's are designated and defined

by the Office of Management and Budget, following a set of official published standards developed by the interagency Federal Committee on Standard Metropolitan Statistical Areas.

Each SMSA has one or more central counties containing the area's main population concentration: an urbanized area with at least 50,000 inhabitants. An SMSA may also include outlying counties which have close economic and social relationships with the central counties. The outlying counties must have a specified level of commuting to the central counties and must also meet certain standards regarding metropolitan character, such as population density, urban population, and population growth. In New England, SMSA's are composed of cities and towns rather than whole counties.

The housing units in SMSA's may also be referred to as the metropolitan housing and are subdivided into "inside central city (or cities)" and "outside central city (or cities)." The housing units outside SMSA's constitute the non-metropolitan housing.

In the United States Summary report and the State reports, the data shown for "Central Cities of SMSA's" are the sum of all central cities excluding any rural area and any legal area that is outside of a standard metropolitan statistical area. In the individual SMSA reports, the data shown for central cities and places of 50,000 or more inhabitants are for the legal definition of the city without regard to urban or SMSA restrictions.

SMSA Titles

Each SMSA except one (Nassau-Suffolk, N.Y.) has at least one central city. The titles of SMSA's include up to three city names, as well as the name of each State into which the SMSA extends. For the 1980 census, central cities of SMSA's are those named in the titles of the SMSA's,

with the exception of Nassau-Suffolk, N.Y., which has no central city, and Northeast Pennsylvania, the central cities of which are Scranton, Wilkes-Barre, and Hazleton. Data on central cities of SMSA's include the entire population and housing within the legal city boundaries. In Hawaii where there are no incorporated places recognized by the Bureau of the Census, census designated places are recognized as central cities.

### New SMSA Standards

New standards for designating and defining metropolitan statistical areas were published in the *Federal Register* on January 3, 1980. The SMSA's recognized for the 1980 census comprise (1) all areas as defined on January 1, 1980, except for one area which was defined provisionally during the 1970's on the

basis of population estimates but whose qualification was not confirmed by 1980 census counts; and (2) a group of 36 new areas defined on the basis of 1980 census counts and the new standards that were published on January 3, 1980.

When the data on commuting flows become available from 1980 census tabulations, the new standards will be applied to the areas existing on January 1, 1980, and the boundaries, definitions, and titles for all SMSA's will be reviewed.

To aid users who want to become familiar with the SMSA standards and how they are applied, documents are available from the Office of Management and Budget, Washington, D.C. 20503.

### BOUNDARY CHANGES

The boundaries of some of the areas shown in this series of reports have

changed between an earlier census and January 1, 1980. Information on boundary changes for incorporated places is presented in table 4 of the 1980 Census of Population report, *Characteristics of the Population, Number of Inhabitants*, PC80-1-A. For information on boundary changes prior to 1970, see the *Number of Inhabitants* report for each census.

### AREA MEASUREMENT

Area measurement figures for standard metropolitan statistical areas, central cities, and places of 50,000 inhabitants or more can be found in the 1980 Census of Population report, PC80-1-A1, United States Summary.

## Appendix B.—Definitions and Explanations of Subject Characteristics

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### GENERAL

The 1980 census was conducted primarily through self-enumeration. The principal

determinant for the responses was, therefore, the questionnaire and its accompanying instruction guide. Furthermore, census takers were instructed, in their telephone and personal-visit interviews, to read the questions directly from the questionnaire. The definitions and explanations given below for each subject are drawn largely from various technical and procedural materials used in the collection of the data. These materials helped the census interviewers to understand more fully the intent of each question, and thus to resolve problems or unusual cases in a manner consistent with this intent. Also included is certain explanatory information to assist the user in the proper utilization of the statistics.

Facsimiles of the questionnaire pages containing the population and housing questions used to produce the data shown in this report and the pages of the respondent instruction guide which relate to these questions are presented in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages."

### LIVING QUARTERS

Living quarters are classified in the census as either housing units or group quarters. Usually, living quarters are in structures intended for residential use (e.g., a one-family home, apartment house, hotel or motel, boarding house, mobile home or trailer). However, living quarters may also be in structures intended for non-residential use (e.g., the rooms in a warehouse where a night guard lives), as well as in boats, tents, vans, etc.

**Housing Units**—A housing unit is a house, an apartment, a group of rooms, or a single room occupied as a separate living quarters or, if vacant, intended for occupancy as a separate living quarters. Separate living quarters are those in which the occupants live and eat separately from

any other persons in the building and which have direct access from the outside of the building or through a common hall. The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated persons who share living arrangements (except as described in the next section on Group Quarters). For vacant units, the criteria of separateness and direct access are applied to the intended occupants whenever possible. If that information cannot be obtained, the criteria are applied to the previous occupants. Both occupied and vacant housing units are included in the housing unit inventory except that boats, tents, vans, caves, and the like are included only if they are occupied as someone's usual place of residence. Vacant mobile homes are included, provided they are intended for occupancy on the site where they stand. Vacant mobile homes on dealers' sales lots, at the factory, or in storage are excluded from the housing inventory.

**Comparability With 1970 Census Housing Unit Data**—Although the 1980 census data are generally comparable with 1970 census data, certain changes were introduced for 1980. The part of the 1970 housing unit definition that required a unit to have either (1) direct access or (2) complete kitchen facilities was modified. For 1980, the complete kitchen facilities alternative was dropped, and direct access was required of all housing units. In 1970, vacant mobile homes were not counted as housing units. For 1980, they were included in the housing inventory provided they were intended for occupancy on the site where they stood.

**Group Quarters**—Group quarters are any living quarters which are not classified as housing units. There are two types of group quarters: (1) institutional group quarters, and (2) noninstitutional group quarters. Institutional group quarters are living quarters occupied by one or more persons under care or custody, such as children in an orphanage, persons in a nursing home, and prisoners in a penitentiary. Noninstitutional group quarters include living quarters such as college-owned and/or operated dormitories, fraternity and sorority houses, nurses' dormitories, and boarding houses. In addition, noninstitutional group quarters include any living

quarters (other than those classified as institutional group quarters) which are occupied by 9 or more persons unrelated to the householder (person listed in column 1 of the census questionnaire), or by 10 or more unrelated persons. Information on the housing characteristics of group quarters was not collected in the census.

**Comparability With 1970 Census Group Quarters Data**—In 1970 a unit was classified as group quarters if it was shared by the person in charge and five or more persons unrelated to him or her, or if there was no person in charge, by six or more unrelated persons. For 1980 that requirement was raised to 9 or more persons unrelated to the person listed in column 1 of the census questionnaire or 10 or more unrelated persons.

**Rules for Hotels, Rooming Houses, Etc.**—Occupied rooms or suites of rooms in hotels, motels, and similar places are classified as housing units only when occupied by permanent residents; i.e., persons who consider the hotel as their usual place of residence or who have no usual place of residence elsewhere. Vacant rooms or suites of rooms are classified as housing units only in those hotels in which 75 percent or more of the accommodations are occupied by permanent residents.

If any of the occupants in a rooming or boarding house live and eat separately from everyone else in the building and have direct access, their quarters are classified as separate housing units. The remaining quarters are combined. If the combined quarters contain eight or fewer roomers unrelated to the householder, they are classified as one housing unit. If the combined quarters contain nine or more roomers unrelated to the householder or person in charge, they are classified as group quarters.

**Staff Living Quarters**—The living quarters occupied by staff personnel within any group quarters are separate housing units if they satisfy the housing unit criteria of separateness and direct access; otherwise, they are considered as group quarters.

**Year-Round Housing Units**—Data on housing characteristics in the 1980 census reports are limited to year-round housing units; i.e., all occupied units plus vacant

units available or intended for year-round use. Vacant units intended for seasonal occupancy and vacant units held for migratory labor are excluded because of the difficulty of obtaining reliable data on their characteristics.

### OCCUPANCY AND VACANCY CHARACTERISTICS

**Occupied Housing Units**—A housing unit is classified as occupied if it is the usual place of residence of the person or group of persons living in it at the time of enumeration, or if the occupants are only temporarily absent; e.g., away on vacation. If all the persons staying in the unit at the time of the census have their usual place of residence elsewhere, the unit is classified as vacant. A household includes all the persons who occupy a housing unit as their usual place of residence. By definition, therefore, the number of occupied housing units equals the number of households in the 1980 Census of Population reports.

In this report the numbers shown for occupied housing units are estimates based on a sample. In some cases there may be small differences between figures on occupied housing units shown here and comparable figures on households in the Census of Population reports. These differences may result from processing procedures used to inflate the population and housing sample data.

**Householder**—One person in each household is designated as the "householder." In most cases, this is the person, or one of the persons, in whose name the home is owned or rented and who is listed in column 1 of the census questionnaire. If there is no such person in the household, any adult household member could be designated as the "householder."

**Child**—A child is a son, daughter, stepchild, or adopted child of the householder regardless of the child's age or marital status. The category excludes sons-in-law and daughters-in-law. In this report, those classified as "own children" are sons and daughters, including stepchildren and adopted children, of the householder who are single (never married) and under 18 years of age.



**Nonrelative**—A nonrelative is any person in the household not related to the householder by birth, marriage, or adoption. Roomers, boarders, partners, roommates, paid employees, wards, and foster children are classified as nonrelatives. This report shows the number of households with one or more nonrelatives present in the unit.

**Age of Householder**—The age classification is based on the age of the person in completed years as of April 1, 1980. The data on age represent the difference, as calculated in the computer, between date of birth and April 1, 1980.

**Household Type**—Statistics by age of householder are presented separately for the following household types:

*Married-couple families.* For each household of this type, the householder and his or her spouse are enumerated as members of the same household. This category includes couples in formal marriages as well as in common-law marriages.

*Male householder, no wife present.* This type includes any household maintained by a male, regardless of his marital status, provided no wife is present in the household. Included are male householders who have no wife; male householders whose wives live elsewhere because of separation (marital discord) or other reason; and male householders who are widowed, divorced, or single.

*Female householder, no husband present.* This type includes any household maintained by a female, regardless of her marital status, provided no husband is present in the household. Included are female householders who have no husband and female householders whose husbands live elsewhere, as, for example, husbands in the Armed Forces living on a military base and female householders who are widowed, divorced, or single.

This report presents data on selected characteristics for one-person households, separately for male and female householders.

**Year Householder Moved Into Unit**—Data presented for this item are based on the in-

formation reported for the householder and refer to the year of the latest move. If the householder moved back into a unit the person previously occupied, the year of the latest move was reported. If the householder moved from one apartment to another in the same building, the year the householder moved into the present apartment was reported. The intent is to establish the year the present occupancy by the householder began. The year in which a householder moved is not necessarily the same year as the year other members of the household moved, although in the majority of cases the entire household moved at the same time (see question H19 in appendix E).

**Vacant Housing Units**—A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. Units temporarily occupied at the time of enumeration entirely by persons who have a usual residence elsewhere are also classified as vacant.

New units not yet occupied are classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if they are open to the elements; i.e., the roof, walls, windows, and/or doors no longer protect the interior from the elements, or if there is positive evidence (such as a sign on the house or in the block) that the unit is to be demolished or is condemned. Also excluded are quarters being used entirely for nonresidential purposes, such as a store or an office, or quarters used for the storage of business supplies or inventory, machinery, or agricultural products.

**Vacancy Status**—The data on vacancy status were tabulated from responses to questionnaire item C (see item C in appendix E). The data presented in this report are for year-round housing units "Vacant for sale only" and "Vacant for rent."

*For sale only.* Vacant year-round units being offered "For sale only," including individual units in cooperatives and condominium projects if the individual units are offered "For sale only."

*For rent.* Vacant year-round units offered "For rent," and vacant units offered either for rent or for sale.

**Duration of Vacancy**—The statistics on duration of vacancy refer to the length of time (in months) from the date the last occupants moved from the unit to the date of enumeration (see item D in appendix E). The data, therefore, do not provide a direct measure of the total length of time units remain vacant. For newly constructed units which have never been occupied, the duration of vacancy is counted from the date construction was completed. For recently converted or merged units, the time is reported from the date conversion or merger was completed.

**Tenure**—A housing unit is "Owner occupied" if the owner or co-owner lives in the unit, even if it is mortgaged or not fully paid for. All other occupied units are classified as "Renter occupied," including units rented for cash rent and those occupied without payment of cash rent (see question H8 in appendix E).

**Condominium Housing Units**—A condominium involves ownership that enables a person to own an apartment or house in a development of similar units and to hold a common or joint ownership in common areas, hallways, entrances, elevators, etc. The owner has a deed to the individual unit, and, very likely, a mortgage on the unit. A condominium housing unit need not be occupied by the owner to be counted as such (see question H9 in appendix E).

**Comparability With 1970 Census Condominium Housing Unit Data**—In 1970, owner-occupied cooperatives and condominium housing units were identified together. The 1980 census identifies only condominium housing units. The 1980 question provides data on vacant and renter-occupied condominium housing units, not just owner-occupied condominium housing units as in 1970.

**Race of the Householder**—The data on race of the householder were derived from the answer to question 4, for the person listed in column 1 of the census questionnaire (see appendix E). The concept of race as used by the Census Bureau reflects self-identification by respondents; it does not denote any clear-cut scientific definition of biological stock. Since the 1980 census obtained information on race through self-identification, the data represent self-classification by people according

to the race with which they identify. In this report, data are presented for housing units classified by the race of the householder.

For persons who could not provide a single response to the race question, the race of the person's mother was used; if, however, a single response could not be provided for the person's mother, the first race reported by the person was used. This is a modification of the 1970 census procedure in which the race of the person's father was used.

The category "White" includes persons who indicated their race as White, as well as persons who did not classify themselves in one of the specific race categories listed on the questionnaire but entered a response such as Canadian, German, Italian, Lebanese, or Polish. In the 1980 census, persons who did not classify themselves in one of the specific race categories but marked "Other" and/or wrote in entries such as Cuban, Puerto Rican, Mexican, or Dominican were included in the "Other" race category. In the 1970 census, most of these persons were included in the "White" category.

The category "Black" includes persons who indicated their race as Black or Negro, as well as persons who did not classify themselves in one of the specific race categories listed in the questionnaire but reported entries such as Jamaican, Black Puerto Rican, West Indian, Haitian, or Nigerian.

The category "American Indian, Eskimo, or Aleut" includes persons who classified themselves as such in one of the specific race categories. In addition, persons who did not report themselves in one of the specific race categories but entered the name of an Indian tribe or wrote in such entries as Canadian Indian, French-American Indian, or Spanish-American Indian were classified as "American Indian."

The category "Asian or Pacific Islander" includes persons who indicated their race as Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, Hawaiian, Samoan, and Guamanian, as well as persons who provided write-in entries of Asian and Pacific Islander groups such as Cambodian, Laotian, Pakistani, or Fijian under the "Other" race category. Also, persons who did not classify themselves in one of the specific race categories but wrote in an entry indicating one of the nine specific categories listed above (e.g., Chinese or Filipino) were classified accordingly. For example, entries of Nipponese and

Japanese American were classified as Japanese, entries of Taiwanese and Cantonese as Chinese, etc. "Race, n.e.c." includes all other persons not in the categories "White," "Black," "American Indian, Eskimo, or Aleut," and "Asian or Pacific Islander." Persons reporting in the "Other" race category and providing write-in entries such as Eurasian, Cosmopolitan, Interracial, or a Spanish origin group (e.g., Mexican, Cuban, or Puerto Rican) were included in "Race, n.e.c."

If the race entry for the householder was missing on the questionnaire, an answer was assigned in the computer according to the reported entries of race of other household members using specific rules of precedence of household relationship. If race was not entered for anyone in the household (excluding paid employees), the race of a householder in a previously processed household was assigned. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

**Comparability Between Sample and 100-Percent Data for Race of the Householder**—Estimates of the number of householders by race shown in this report may differ from complete count figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and an additional edit and review performed on the sample questionnaires. Sampling variability and nonsampling error are explained in Appendix D, "Accuracy of the Data." The effect of the additional edit and review procedures varies substantially by racial group and geographic area but is generally negligible. A discussion of these procedures may be found in Series HC80-1-B, *Detailed Housing Characteristics*, and PC80-1-C, *Social and Economic Characteristics of the Population*.

**Comparability With 1970 Census Data on Race of the Householder**—Differences in census procedures and reporting by respondents in the 1980 census and 1970 census seriously affect the comparability for certain race groups. First, a large number of Spanish origin persons reported their race differently in the 1980 census than in the 1970 census. This difference in reporting has a substantial impact on the population totals and

comparability for the "White" population and the "Race, n.e.c." or "Other" race populations (shown as "All other races" in most 1970 publications). A much larger proportion of the Spanish origin population in 1980 than in 1970 reported their race in the questionnaire category "Other." Second, in 1970, most persons who marked the "Other" race category and wrote in a Spanish designation such as Mexican, Venezuelan, Latino, etc., were reclassified as "White." In 1980, such persons were not reclassified but remained in the "Other" race category. As a result of this procedural change and the differences in reporting by this population, the proportion of the Spanish origin population classified as "Other" race in the 1980 census was substantially higher than that in the 1970 census. Nationally in 1970, only 1 percent of the Spanish origin persons were classified as "Other" race and 93 percent as "White." The 1980 census sample data showed a much larger proportion—38 percent—of the Spanish origin persons reported their race as "Other" and only 58 percent reported "White." As a consequence of these differences, 1980 householder totals for "White" and "Race, n.e.c." are not comparable with corresponding 1970 figures.

The 1980 census was the first in which data were collected separately for Eskimos and Aleuts in all States. In 1970, these data were available only for Alaska. Since Eskimos and Aleuts are highly concentrated in Alaska, these changes do not seriously affect the comparability of 1980 and 1970 data for these racial groups at the national level.

The 1980 total for the Asian and Pacific Islander population reflects a high level of immigration during the 1970's as well as a number of changes in census procedures which were developed, in part, as a result of this high level of immigration. First, the number of Asian and Pacific Islander categories listed separately on the 1980 census questionnaire was expanded over that in 1970 to include four additional groups: Vietnamese, Asian Indian, Guamanian, and Samoan. Asian Indians were classified as "White" in 1970 but were included in the "Asian and Pacific Islander" category in 1980. The Vietnamese, Guamanian, and Samoan populations were included in the "Other" race



category in the 1970 census but were included in the "Asian and Pacific Islander" category in 1980. Second, "Other Asian and Pacific Islander" groups such as Cambodian, Laotian, Pakistani, and Fijian were identified and tabulated as Asian and Pacific Islander in sample tabulations in the 1980 census; in 1970, most of these groups were included in the "Other" race category.

In 1980, data were collected separately for Hawaiians and Koreans in all States, but in 1970 data for the two groups were not collected for Alaska. (On the 1970 census questionnaire used in Alaska, Eskimo and Aleut were substituted for these two categories.) Since the numbers of Hawaiians and Koreans were small in Alaska, this questionnaire change does not have a major impact on the comparability of the 1980 and 1970 data for Hawaiians and Koreans at the national level.

**Spanish/Hispanic Origin of the Householder**—The data on Spanish/Hispanic origin or descent of householder were derived from answers to question 7, for the person listed in column 1 of the census questionnaire (see appendix E).

Persons of Spanish/Hispanic origin or descent are those who reported either Mexican, Puerto Rican, Cuban, or other Spanish/Hispanic origin in question 7. Persons who reported "Other Spanish/Hispanic" origin are those whose origin is from Spain or the Spanish-speaking countries of Central or South America, or they are persons identifying their origin or descent as being Spanish, Spanish-American, Hispano, Latino, etc. Origin or descent can be regarded as the ancestry, nationality group, lineage, or country in which the person or person's parents or ancestors were born before their arrival in the United States. It is important to note that persons of Spanish origin may be of any race. In this report, data are presented for housing units classified by the Spanish origin of the householder.

Persons of more than one Spanish origin and persons of both a Spanish and another origin who were in doubt as to how to report a specific origin were classified according to the origin of the person's mother. If a single origin could not be provided for the person's mother, the first origin reported by the person was recorded.

If the householder failed to respond to the Spanish/Hispanic origin question, a response was assigned by computer in the

sample edit operation according to available related information such as ancestry and place of birth reported for the householder. If such information was not reported, origin was assigned from entries of other household members using specific rules of precedence of household relationship. If no origin was reported for any household member (excluding a paid employee), then an origin was assigned from another household with a householder of the same race. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

**Limitations of the Data on Householders of Spanish/Hispanic Origin**—A preliminary evaluation study of the reporting in the 1980 census item on Spanish origin indicated that there was misreporting in the Mexican origin category by White and Black persons in certain areas. The study results showed evidence that the misreporting occurred mainly in the South (excluding Texas), the Northeast (excluding the New York City area), and a few States in the North Central Region. Also, results based on available data suggest that the impact of potential misreporting of Mexican origin in the 1980 census is severe in those portions of the above-mentioned regions where the Spanish origin population is generally sparse. However, 1980 census data on the Mexican origin population or total Spanish origin population, at the national level, are not seriously affected by the reporting problem. For a more detailed discussion of the evaluation of the Spanish origin item, see the 1980 Population Census Supplementary reports, Series PC80-S1-7, "Persons of Spanish Origin by State: 1980."

**Comparability Between Sample and 100-Percent Data on Householders of Spanish/Hispanic Origin**—The data on householders of Spanish origin shown in this report may differ from comparable figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and more extensive edit procedures performed for the Spanish origin item on the sample questionnaires. The data in this report are based on a sample, whereas certain other reports (e.g., the HC80-1-A series) present data based on 100-percent tabulations. Sample data are subject to sampling variability, as explained in Appendix D, "Accuracy of the Data."

Information now available indicates that, since the effects of the more extensive edit were generally limited, the 100-percent tabulations are usually the preferable source for data on householders of Spanish origin. That is, in the case of figures available for Spanish origin groups, both in this report and for corresponding areas in the HC80-1-A report, the latter source is usually the preferred one. In the case of distributions for subjects covered only on a sample basis (e.g., units in structure, mortgage status and selected monthly owner costs, gross rent, etc.), the sample figures are the only data available and should be used within the context of the sampling variability associated with them.

**Comparability With 1970 Census Data on Householders of Spanish Origin and Householders of Spanish Heritage**—The 1980 census figures on householders of Spanish origin are not directly comparable with the 1970 census data on householders of Spanish origin because of a number of factors; namely, overall improvements in the 1980 census, better coverage of the population, improved question design, and an effective public relations campaign by the Census Bureau with the assistance of national and community ethnic groups. These efforts at census improvements explain, in part, the large increase in the number of Hispanics over 1970. Also, these efforts undoubtedly resulted in the inclusion of a sizable but unknown number of persons of Spanish/Hispanic origin who are in the country in other than legal status.

In the 1980 census Spanish origin question, specific changes in design from the 1970 question included the placement of the category "No (not Spanish/Hispanic)" as the first category in that question. (The corresponding category appeared last in the 1970 question.) Also, the 1970 category "Central or South American" was deleted from the 1980 question because in 1970 some respondents misinterpreted the category. Furthermore, the designations "Mexican-American" and "Chicano" were added to the Spanish origin question in 1980. In the 1970 census, the question on Spanish origin was asked of only a 5-percent sample of the population; in the 1980 census, the Spanish origin question was asked of everyone in the Nation.

The 1970 Census *Metropolitan Housing Characteristics* reports present data on housing units occupied by householders of Spanish heritage. In the 1970 census, the

category Spanish heritage was created to consolidate data for Spanish ancestry persons in various parts of the United States. The Spanish heritage population, therefore, was specifically termed when reference was made to particular areas. For example, in five southwestern States (Arizona, California, Colorado, New Mexico, and Texas) the population of Spanish heritage was specified as the population of Spanish language or surname; in three mid-Atlantic States (New York, New Jersey, and Pennsylvania), as the population of Puerto Rican birth or parentage; and in the remaining 42 States and the District of Columbia, as the population of Spanish language. The information for the population of Spanish heritage was obtained from the 15-percent sample of the census questionnaires. Data for this group of householders are not comparable to the 1980 census data on householders of Spanish origin which were based only on responses to the specific census question on Spanish/Hispanic origin for the person listed in column 1 of the census questionnaire.

### UTILIZATION CHARACTERISTICS

**Persons**—All persons occupying the housing unit are included. These persons include not only occupants related to the householder but also any lodgers, roomers, boarders, partners, roommates, wards, foster children, and resident employees who share the living quarters of the householder. The data on "Persons in unit" show the number of housing units occupied by the specified number of persons. "Total persons" is the total number of persons living in the housing units in the particular category.

**Rooms**—The statistics on "Rooms" are in terms of the number of housing units with a specified number of rooms (see question H7 in appendix E). The intent of this question is to count the number of whole rooms used for living purposes. For each unit they include living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, enclosed porches suitable for year-round use, and lodger's rooms. Excluded are strip or pullman kitchens, bathrooms, open porches, balconies, halls, half-rooms, utility rooms, unfinished attics or basements, or other unfinished space used for storage. A partially divided room is a separate room only if there is a partition from floor to ceiling.

**Persons Per Room**—"Persons per room" is a derived measure obtained by dividing the

number of persons in each occupied housing unit by the number of rooms in the unit. The figures shown refer, therefore, to the number of occupied housing units having the specified ratio of persons per room.

**Bedrooms**—The number of "Bedrooms" in the unit is the count of rooms used mainly for sleeping, even if also used for other purposes. Rooms reserved for sleeping, such as guest rooms, even though used infrequently, are counted as bedrooms. On the other hand, rooms used mainly for other purposes, even though used also for sleeping, such as a living room with a sofa bed, are not considered bedrooms. A housing unit consisting of only one room, such as a one-room efficiency apartment, is classified, by definition, as having no bedroom (see question H24 in appendix E).

### STRUCTURAL CHARACTERISTICS

**Year Structure Built**—"Year structure built" refers to when the building was first constructed, not when it was remodeled, added to, or converted. For a houseboat or mobile home or trailer, the manufacturer's model year is assumed to be the year built. The figures shown in this report relate to the number of units in structures built during the specified periods and in existence at the time of enumeration (see question H18 in appendix E).

**Units in Structure**—A structure is a separate building that either has open space on all sides or is separated from other structures by dividing walls that extend from ground to roof. In the determination of the number of units in a structure, all housing units, both occupied and vacant, were counted. The statistics are presented for the number of housing units in structures of specified type and size, not for the number of residential buildings. The category "Mobile home or trailer, etc." includes mobile homes, trailers, boats, tents, vans, etc. (see question H13 in appendix E).

**Stories in Structure**—The count of stories (floors) in structure includes basements or attics if these contain finished rooms for living purposes (see question H14a in appendix E).

**Passenger Elevator**—Statistics on elevator in structure are presented for housing units in structures with four or more stories or floors. If the housing units in structures with four or

more stories have an elevator used only for freight, the units are not included in the category "With elevator" (see question H14b in appendix E).

### PLUMBING CHARACTERISTICS

**Plumbing Facilities**—The category "Complete plumbing for exclusive use" consists of units which have hot and cold piped water, a flush toilet, and a bathtub or shower inside the housing unit for the exclusive use of the occupants of the unit. "Lacking complete plumbing for exclusive use" includes those conditions when (1) all three specified plumbing facilities are present inside the unit, but are also used by another household; (2) some but not all the facilities are present; or (3) none of the three specified plumbing facilities is present (see question H6 in appendix E).

**Comparability With 1970 Census Plumbing Facilities Data**—In 1970, there were separate questions on the presence of hot and cold piped water, a bathtub or shower, and a flush toilet. For 1980, these three items were combined into a single question on plumbing facilities. In addition, the facilities must be inside the housing unit rather than inside the structure as in 1970.

### EQUIPMENT AND FUELS

**Heating Equipment**—Respondents were asked to report the type of heating equipment used as the primary source of heat for their housing unit. The categories shown in the report are: (1) steam or hot water system; (2) central warm-air furnace or electric heat pump; (3) other built-in electric units; (4) floor, wall, or pipeless furnace; and (5) other means. "Other means" includes room heaters with flue or vent that burn gas, oil, or kerosene; nonportable room heaters without flue or vent that burn gas, oil, or kerosene; and fireplaces, stoves, or portable room heaters of any kind that can be picked up and moved. A central heating system includes types (1) through (4) listed above. For vacant units which have had the heating equipment removed, the kind of equipment used by the previous occupants is considered to be the heating equipment for the unit (see question H20 in appendix E).

**Comparability With 1970 Census Heating Equipment Data**—In 1970, central

heat pumps were included as part of the category "Warm-air furnace" and individual room heat pumps were included in the category "Built-in electric units." In 1980, heat pumps have been combined and are included in this report in the category "Central warm-air furnace or electric heat pump."

**Air Conditioning**—"Air conditioning" is defined as the cooling of air by a refrigeration unit. It does not include evaporative coolers, fans, or blowers which are not connected to a refrigeration unit; however, it does include heat pumps. A central system is an installation which air conditions a number of rooms. In an apartment building, such a system may cool all apartments in the building, each apartment may have its own central system, or there may be several systems, each providing central air conditioning for a group of apartments. A system with individual room controls is a central system. A room unit is an individual air conditioner which is installed in a window or an outside wall and is generally intended to cool one room, although it may sometimes be used to cool more than one room (see question H27 in appendix E).

**Vehicles Available**—Data for this item refer to the number of households with vehicles available at home for the use of the members of the household. Included in this item are passenger cars, pickup trucks, small panel trucks of one-ton capacity or less, as well as station wagons, company cars, and taxicabs kept at home for use of household members. Cars rented or leased for 1 month or more; police and government cars kept at home; and company vans and trucks of 1-ton capacity or less are also included if kept at home and used for nonbusiness purposes. Dismantled cars, immobile cars used as a source of power for some piece of machinery, and cars, vans, and trucks kept at home but used only for business purposes are excluded. The statistics do not reflect the number of vehicles privately owned or the number of households owning vehicles (see questions H28 and H29 in appendix E).

**Comparability With 1970 Census Automobiles Available Data**—In 1970, only data on the number of households with automobiles which were owned or regularly used by members of the household were obtained. Taxicabs, pickups, or large trucks were not counted. In 1980, the data on automobiles available include taxicabs if kept at home for use of household members but exclude pickups or larger trucks. Separate

data were obtained in 1980 on the number of housing units with vans or trucks of 1-ton capacity or less kept at home for use of members of the household.

**Fuels Used for House Heating and Water Heating**—"Utility gas" is gas piped through underground pipes from a central system that serves the neighborhood. "Bottled, tank, or LP gas" is stored in tanks which are refilled or exchanged when empty. "Fuel oil, kerosene, etc." includes fuel oil, kerosene, gasoline, alcohol, and other combustible liquids. For data on house heating fuel, the category "Other" includes any other fuel such as purchased steam, coal dust, briquettes made of pitch and sawdust, waste materials such as corn cobs, etc. For data on water heating fuel, the category "Other" also includes coal or coke, and wood (see question H21 in appendix E).

### FINANCIAL CHARACTERISTICS

**Value**—Value is the respondent's estimate of how much the property (house and lot) would sell for, if it were for sale (see question H11 in appendix E).

Value is tabulated for certain kinds of housing units. Value statistics are presented for "Specified owner-occupied" housing units. These "specified" housing units include only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. The "Specified owner-occupied" universes are the same for the value tabulation and the mortgage status and selected monthly owner costs tabulation.

**Price Asked**—For vacant for sale only housing units, the price asked is the amount asked for the property at the time of enumeration. The statistics on price asked are shown for "Specified vacant for sale only" housing units, which include vacant for sale only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data also exclude condominium units and mobile homes.

**Mortgage Status and Selected Monthly Owner Costs**—The data are presented for "Specified owner-occupied" housing units. These "specified" housing units include only

one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. Separate distributions of owner costs are shown for units "With a mortgage" and for units "Not mortgaged." Selected monthly owner costs is the sum of payments for mortgages, deeds of trust, or similar debts on the property; real estate taxes; fire and hazard insurance on the property; utilities (electricity, gas, and water); and fuels (oil, coal, kerosene, wood, etc.) (see questions H30, H31, and H32 in appendix E).

**Mortgage Status and Selected Monthly Owner Costs as a Percentage of Household Income in 1979**—Selected monthly housing costs is expressed as a percentage of monthly household income (total household income in 1979 divided by 12). The percentage is presented for the same owner-occupied units for which selected monthly owner costs was tabulated; thus, the statistics reflect the exclusion of certain owner-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units occupied by households that reported no income or a net loss comprise the category "Not computed."

**Rent**—The statistics on rent are tabulated for "Specified renter-occupied" housing units and for "Specified vacant for rent" housing units which include renter units except one-family houses on 10 or more acres. Respondents were asked to report rent only for the housing unit enumerated and to exclude any rent paid for additional units or for business premises. Renter units occupied without payment of cash rent are shown separately as "No cash rent" in the rent tabulations.

**Contract Rent.** "Contract rent" is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included (see question H12 in appendix E).

**Gross Rent.** The computed rent termed "Gross rent" is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, and water) and fuels (oil, coal, kerosene, wood, etc.) if these are

paid for by the renter (or paid for the renter by someone else) in addition to rent. Gross rent is intended to eliminate differentials which result from varying practices with respect to the inclusion of utilities and fuels as part of the rental payment. The estimated costs of water and fuels are reported on a yearly basis but are converted to monthly figures in the computation process (see questions H12 and H22 in appendix E).

**Rent Asked.** For "Specified vacant for rent" housing units, the rent asked is the amount asked for the rental of the unit at the time of enumeration.

**Gross Rent as a Percentage of Household Income in 1979**—Monthly gross rent is expressed as a percentage of monthly household income (total household income in 1979 divided by 12). The percentage is presented for the same renter-occupied units for which gross rent was tabulated; thus, the statistics reflect the exclusion of certain renter-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units for which no cash rent is paid and units occupied by households that reported no income or a net loss comprise the category "Not computed."

**Household Income in 1979**—Household income is the sum of the money income of all persons 15 years old and over occupying the housing unit, including persons not related to the householder. Data on income are based on money income received in the calendar year 1979. Income is the algebraic sum of the amounts reported separately for wage and salary income; nonfarm net self-employment income; farm net self-employment income; interest, dividend, net rental or royalty income; Social Security or Railroad Retirement income; public assistance or welfare income; and all other income. The figures represent the amount of income received before deductions for personal income taxes, Social Security, bond purchases, union dues, medicare deductions, etc.

Receipts from the following sources were not included as income: money received from the sale of property (unless the recipient was engaged in the business of selling such property); the value of income "in kind" from food stamps, public housing subsidies, medical care, employer's contributions for pensions, etc.; withdrawal of bank deposits; money borrowed; tax refunds; exchange of money between relatives living in the same household; gifts and lump-sum inheritances, insurance payments, and other types of lump-sum receipts.

Although the income statistics cover the calendar year 1979, the composition of households refers to the time of enumeration (April 1, 1980). However, the composition of most households was the same during 1979 as in April 1980. There may be differences between the data on household income in 1979 in this report and similar data shown in the reports, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, PHC80-3, and in the Supplementary Reports, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2. Any such differences are a result of errors in the income data which were corrected after the release of the PHC80-3 and the PHC80-S2 reports.

**Median Income**—The median income values presented in this report are computed on the basis of more detailed income intervals than shown in the tables. Median income figures of \$30,000 or less are generally calculated using linear interpolation; all other median income amounts are derived through pareto interpolation.

**Comparability With 1970 Census Income Data**—In 1970, the statistics on income presented in Series HC80-2, *Metropolitan Housing Characteristics* reports related to the income of the family or primary individual occupying the housing unit; that is, the sum of the income of the head of the family and all other members of the family 14 years old and over or the income of the primary individual. Income of persons living in

the unit but not related to the head of household was not included. In 1980, the statistics on income relate to the income of the household; that is, the sum of the income of all persons 15 years old and over occupying a housing unit, including persons not related to the householder.

A discussion on comparability of income data from other sources including earlier censuses may be found in the 1980 Census of Population reports, *General Social and Economic Characteristics*, PC80-1-C.

**Poverty Status in 1979**—Households are classified below the poverty level when the total 1979 income of the family or of the non-family householder is below the appropriate poverty threshold. The income of persons living in the household who are unrelated to the householder is not considered when determining the poverty status of a household. The poverty thresholds vary depending upon three criteria: size of family, number of children, and age of the family householder or unrelated individual. The criteria used in the 1980 census differ slightly from those used in the 1970 census, which took into account the same three factors as well as sex of the family householder or unrelated individual and farm-nonfarm residence. In addition, for the 1980 census the thresholds by size of family were extended from seven or more persons to nine or more persons. The income cutoffs are updated each year to reflect the change in the Consumer Price Index. A more detailed explanation of the poverty definition may be found in the 1980 Census of Population reports, *General Social and Economic Characteristics*, PC80-1-C.

There may be slight differences between the data on poverty status in 1979 in this report and similar data shown in the reports, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, PHC80-3, and in the Supplementary Reports, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2. Any such differences are a result of errors in the income data which were corrected after the release of the PHC80-3 and the PHC80-S2 reports.

# Appendix B.—Definitions and Explanations of Subject Characteristics

## Thresholds at the Poverty Level in 1979 by Size of Family and Number of Related Children Under 18 Years

(Figures in dollars. For meaning of symbols, see Introduction)

Size of Family Unit	Weighted average thresholds	Related children under 18 years								
		None	1	2	3	4	5	6	7	8 or more
1 person (unrelated individual).....	3,686	3,686	...	...	...	...	...	...	...	...
Under 65 years.....	3,774	3,774	...	...	...	...	...	...	...	...
65 years and over.....	3,479	3,479	...	...	...	...	...	...	...	...
2 persons.....	4,723	4,723	...	...	...	...	...	...	...	...
Householder under 65 years.....	4,876	4,858	5,000	...	...	...	...	...	...	...
Householder 65 years and over.....	4,389	4,385	4,981	...	...	...	...	...	...	...
3 persons.....	5,787	5,674	5,839	5,844	...	...	...	...	...	...
4 persons.....	7,412	7,482	7,605	7,356	7,382	...	...	...	...	...
5 persons.....	8,776	9,023	9,154	8,874	8,657	8,525	...	...	...	...
6 persons.....	9,915	10,378	10,419	10,205	9,999	9,693	9,512	...	...	...
7 persons.....	11,237	11,941	12,016	11,759	11,580	11,246	10,857	10,429	...	...
8 persons.....	12,484	13,356	13,473	13,231	13,018	12,717	12,334	11,936	11,835	...
9 or more persons.....	14,812	16,066	16,144	15,929	15,749	15,453	15,046	14,677	14,586	14,024





## Appendix C.—General Enumeration and Processing Procedures

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### USUAL PLACE OF RESIDENCE

In accordance with census practice dating back to the first U.S. census in 1790, each person enumerated in the 1980 census was counted as an inhabitant of his or her "usual place of residence," which is generally construed to mean the place where the person lives and sleeps most of the time. This place is not necessarily the same as the person's legal residence or voting residence. In the vast majority of cases, however, the use of these different bases of classification would produce substantially the same statistics, although there might be appreciable differences for a few areas.

The implementation of this practice has resulted in the establishment of residence rules for certain categories of persons whose usual place of residence is not immediately apparent. Furthermore, this practice means that persons were not always counted as residents of the place where they happened to be staying on Census Day (April 1). Persons without a usual place of residence, however, were counted where they happened to be staying.

#### Armed Forces

Members of the Armed Forces living on a military installation were counted, as in every previous census, as residents of the area in which the installation was located; members of the Armed Forces not living on a military installation were counted as residents of the area in which

they were living. Family members of Armed Forces personnel were counted where they were living on Census Day (i.e., with the Armed Forces personnel or at another location, as the case might be).

Each Navy ship was attributed to the municipality that the Department of the Navy designated as its homeport, except for those ships which were deployed to the 6th or 7th Fleet on Census Day. As was done in the 1970 census, naval personnel aboard deployed ships were defined in the 1980 census as part of the overseas population, because deployment to the 6th or 7th Fleet implies a long-term overseas assignment.

In homeports with fewer than 1,000 naval personnel assigned to ships, the crews were counted aboard the ship. In homeports with 1,000 or more naval personnel assigned to ships, the naval personnel who indicated that they had a usual residence within 50 miles of the homeport of their ship were attributed to that residence.

When a homeport designated by the Navy was contained in more than one municipality, ships homeported and berthed there on Census Day were assigned by the Bureau of the Census to the municipality in which the land immediately adjacent to the dock or pier was actually located. Other ships attributed by the Navy to that homeport, but which were not physically present and not deployed to the 6th or 7th Fleet on Census Day, were allocated to the municipality named on the Navy's homeport list.

#### Crews of Merchant Vessels

Shipboard Census Reports were mailed to crews of merchant vessels through the ships' respective owner-operators based on lists of U.S. flag merchant vessels obtained from the Maritime Administration, U.S. Department of Commerce.

If the ship was berthed in a U.S. port on Census Day, the crew was enumerated as of that port. If the ship was

not berthed in a U.S. port but was inside the territorial waters of the United States, the crew was enumerated as of (a) the port of destination if that port was inside the United States or (b) the homeport of the ship if its port of destination was outside the United States. Crews of U.S. flag vessels which were outside U.S. territorial waters on Census Day and crews of vessels flying a foreign flag were not enumerated in the 1980 census.

#### Persons Away at School

College students were counted as residents of the area in which they were living while attending college, as they have been since 1950. However, children in boarding schools below the college level were counted at their parental home.

#### Persons in Institutions

Inmates of institutions, who ordinarily live there for considerable periods of time, were counted as residents of the area where the institution was located. Patients in short-term wards (general, maternity, etc.) of hospitals were counted at their usual place of residence; if they had no usual place of residence, they were counted at the hospital.

#### Persons Away From Their Residence on Census Day

Persons in hotels, motels, etc., on the night of March 31, 1980, were requested to fill out a census form for assignment of their census information back to their homes if they indicated that no one was at home to report them in the census. A similar approach was used for persons visiting in private residences, as well as for Americans who left the United States during March 1980 via major intercontinental air or ship carriers for temporary travel abroad. In addition, information on persons away from their usual place of residence was obtained from other members of their families, resident managers, neighbors, etc. If an entire household was expected to be

away during the whole period of the enumeration, information on that household was obtained from neighbors. A matching process was used to eliminate duplicate reports for persons who reported for themselves while away from their usual residence and who were also reported at this usual residence by someone else.

A special enumeration was conducted in such facilities as missions, flophouses, jails, detention centers, etc., on the night of April 6, 1980, and persons enumerated therein were counted as residents of the area in which the establishment was located.

### Americans Abroad

Americans who were overseas for an extended period (in the Armed Forces, working at civilian jobs, studying in foreign universities, etc.) were not included in the population of any State or the District of Columbia. On the other hand, Americans who were temporarily abroad on vacations, business trips, and the like were counted at their usual residence in the United States.

### Citizens of Foreign Countries

Citizens of foreign countries having their usual residence (legally or illegally) in the United States on Census Day, including those working here (but not living at an embassy, ministry, legation, chancellery, or consulate) and those attending school (but not living at an embassy, etc.), were included in the enumeration, as were members of their families living with them. However, citizens of foreign countries temporarily visiting or traveling in the United States or living on the premises of an embassy, etc., were not enumerated in the 1980 census.

## DATA COLLECTION PROCEDURES

The 1980 census was conducted primarily through self-enumeration. A census questionnaire was delivered by postal carriers to every housing unit several days before Census Day, April 1, 1980. This questionnaire included explanatory information and was accompanied by an instruction guide. Spanish-language versions of the questionnaire and instruction guide were available on request. The questionnaire

was also available in narrative translation in 32 languages.

In most areas of the United States, altogether containing about 95 percent of the population, the householder was requested to fill out and mail back the questionnaire on Census Day. Approximately 83 percent of these households returned their forms by mail. Households that did not mail back a form and vacant housing units were visited by an enumerator. Households that returned a form with incomplete or inconsistent information that exceeded a specified tolerance were contacted by telephone or, if necessary, by a personal visit, to obtain the missing information.

In the remaining (mostly sparsely settled) area of the country, which contained about 5 percent of the population, the householder was requested to fill out the questionnaire and hold it until visited by an enumerator. Incomplete and unfilled forms were completed by interview during the enumerator's visit. Vacant units were enumerated by a personal visit and observation.

Each housing unit in the country received one of two versions of the census questionnaire: a short-form questionnaire containing a limited number of basic population and housing questions or a long-form questionnaire containing these basic questions as well as a number of additional questions. A sampling procedure was used to determine those units which were to receive the long-form questionnaire. Two sampling rates were employed. For most of the country, one in every six housing units (about 17 percent) received the long form or sample questionnaire; in counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 inhabitants, every other housing unit (50 percent) received the sample questionnaire to enhance the reliability of sample data in small areas.

Special questionnaires were used for the enumeration of persons in group quarters such as colleges and universities, hospitals, prisons, military installations, and ships. These forms contained the population questions but did not include any housing questions. In addition to the regular census questionnaires, the Supplementary Questionnaire for American Indians was used in conjunction with the short form on Federal and State reservations and in the historic areas of

Oklahoma (excluding urbanized areas) for households that had at least one American Indian, Eskimo, or Aleut household member.

## PROCESSING PROCEDURES

The 1980 census questionnaires were processed in a manner similar to that for the 1970 and 1960 censuses. They were designed to be processed electronically by the Film Optical Sensing Device for Input to Computer (FOSDIC). For most items on the questionnaire, the information supplied by the respondent or obtained by the enumerator was indicated by marking the answers in predesignated positions that would be "read" by FOSDIC from a microfilm copy of the questionnaire and transferred onto computer tape with no intervening manual processing. The computer tape did not include information on individual names and addresses.

The data processing was performed in two stages. For 100-percent data, all short forms, and pages 2 and 3 of the long forms (which have the same questions as the short form), were microfilmed, "read" by FOSDIC, and transferred onto computer tape for tabulation. For the sample data, the long form (or sample) questionnaires were processed through manual coding operations since some questions required the respondent to provide write-in entries which could not be read by FOSDIC. Census Bureau coders assigned alphabetical or numerical codes to the write-in answers in FOSDIC readable code boxes on each questionnaire. After all coding was completed, the long forms were microfilmed, and the film was "read" by FOSDIC and transferred onto computer tape.

The tape containing the information from the questionnaires was processed on the Census Bureau's computers through a number of editing and tabulation steps. Among the products of this operation were computer tapes from which the tables in this report (and most others in the 1980 census publications) were prepared on phototype-setting equipment at the Government Printing Office.

A more detailed description of the data collection and processing procedures can be obtained from the 1980 Census of Population and Housing, *Users' Guide*, PHC80-R1.



Appendix D.—Accuracy of the Data

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INTRODUCTION

The data presented in this publication are based on the 1980 census sample. The data are estimates of the actual figures that would have resulted from a complete count. Estimates can be expected to vary from the complete count result because they are subject to two basic types of error—sampling and nonsampling. The sampling error in the data arises from the selection of persons and housing units to be included in the sample. The nonsampling error is the result of all other errors that may occur during the collection and processing phases of the census. A more detailed discussion of both sampling and nonsampling error and a description of the estimation procedure are given in this appendix.

SAMPLE DESIGN

While every person and housing unit in the 1980 census was enumerated on a

questionnaire that requested certain basic demographic information (e.g., age, number of rooms in living quarters, monthly rent), a sample of persons and housing units was enumerated on a questionnaire that requested additional information. The basic sampling unit for the 1980 census was the housing unit, including all occupants. For persons living in group quarters, the sampling unit was the person. Two sampling rates were employed. In counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 persons (based on precensus estimates), one-half of all housing units and persons in group quarters were to be included in the sample. In all other areas, one-sixth of the housing units or persons in group quarters were sampled. The purpose of this scheme was to provide relatively more reliable estimates for small areas. When both sampling rates were taken into account across the Nation, approximately 19 percent of the Nation's housing units were included in the census sample.

The sample designation method depended on the data collection procedures. In areas containing about 95 percent of the population the census was taken by the mailout/mailback procedure. For these areas, the Bureau of the Census either purchased a commercial mailing list which was updated and corrected by Census Bureau field staff, or prepared a mailing list by canvassing and listing each address in the area prior to Census Day. These lists were computerized, and every sixth unit (for 1-in-6 areas) or every second unit (for 1-in-2 areas) was designated as a sample unit by computer. Both of these lists were also corrected by the Post Office.

In non-mailout/mailback areas, a blank listing book with designated sample lines (every sixth or every second line) was prepared for the enumerator. Beginning about Census Day, the enumerator sys-

tematically canvassed the area and listed all housing units in the listing book in the order they were encountered. Completed questionnaires, including sample information for any housing unit which was listed on a designated sample line, were collected.

In both types of data collection procedure areas, an enumerator was responsible for a small geographic area known as an enumeration district, or ED. An ED usually represented the average workload area for one enumerator.

ERRORS IN THE DATA

Since the data in this publication are based on a sample, they may differ somewhat from complete-count figures that would have been obtained if all housing units, persons within those housing units, and persons living in group quarters had been enumerated using the same questionnaires, instructions, enumerators, etc. The deviation of a sample estimate from the average of all possible samples is called the sampling error. The standard error of a survey estimate is a measure of the variation among the estimates from the possible samples and thus is a measure of the precision with which an estimate from a particular sample approximates the average result of all possible samples. The sample estimate and its estimated standard error permit the construction of interval estimates with prescribed confidence that the interval includes the average result of all possible samples. The method of calculating standard errors and confidence intervals for the data in this report is given below.

In addition to the variability which arises from the sampling procedures, both sample data and complete-count data are subject to nonsampling error. Nonsampling error may be introduced during each of the many extensive and complex

operations used to collect and process census data. For example, operations such as editing, reviewing, or handling questionnaires may introduce error into the data. A more detailed discussion of the sources of nonsampling error is given in the section on "Control of Nonsampling Error" in this appendix.

Nonsampling error may affect the data in two ways. Errors that are introduced randomly will increase the variability of the data and should therefore be reflected in the standard error. Errors that tend to be consistent in one direction will make both sample and complete-count data biased in that direction. For example, if respondents consistently tend to under-report their income, then the resulting counts of households or families by income category will be skewed toward the lower income categories. Such biases are not reflected in the standard error.

### Calculation of Standard Errors

**Totals and Percentages**—Tables A through D in this appendix contain the information necessary to calculate the standard errors of sample estimates in this report. In order to perform this calculation, it is necessary to know the unadjusted standard error for the characteristic, given in table A or B, that would result under a simple random sample design (of persons, families, or housing units) and estimation technique; the adjustment factor for the particular characteristic estimated, given in table C; and the number of housing units in the tabulation area and the percent of these in sample, given in table D. The adjustment factors reflect the effects of the actual sample design and complex ratio estimation procedure used for the 1980 census.

To calculate the approximate standard error of an estimate for a geographic area, follow the steps given below:

- Obtain the unadjusted standard error from table A or B (or from the formula given below the table) for the estimated total or percentage, respectively.
- Find the geographic area with which you are working in table D and obtain the housing unit "percent in sample" figure for this area.
- Use table C to obtain the factor for the characteristics (e.g., air-

conditioning, year structure built) and the range that contains the percent-in-sample with which you are working. Multiply the unadjusted standard error by this factor. If the estimate is a cross-tabulation of more than one characteristic, use the largest factor.

As is evident from the formula below tables A and B, the unadjusted standard errors of zero estimates or of very small estimated totals or percentages approach zero. This is also the case for very large percentages or estimated totals that are close to the size of the tabulation areas to which they correspond. These estimated totals and percentages are, nevertheless, still subject to sampling and non-sampling variability, and an estimated standard error of zero (or a very small standard error) is not appropriate.

For estimated percentages that are less than 2 or greater than 98, use the *unadjusted* standard errors in table B that appear in the "2 or 98" row. For an estimated total that is less than 50 or within 50 of the total size of the tabulation area, use an *unadjusted* standard error of 16.

An illustration of the use of the tables is given in a later section of this appendix.

**Differences**—The standard errors estimated from these tables are not directly applicable to differences between two sample estimates. In order to estimate the standard error of a difference the tables are to be used somewhat differently in the following three situations:

- For the difference between a sample estimate and a complete-count value, use the standard error of the sample estimate.
- For the difference between (or sum of) two sample estimates, the appropriate standard error is approximately the square root of the sum of the two individual standard errors squared; that is, for standard errors  $Se_x$  and  $Se_y$  of estimates  $x$  and  $y$ :

$$Se_{(x+y)} = Se_{(x-y)} = \sqrt{(Se_x)^2 + (Se_y)^2}$$

This method, however, will underestimate (overestimate) the standard error if the two items in a sum are highly positively (negatively)

correlated or if the two items in a difference are highly negatively (positively) correlated. This method may also be used for the difference between (or sum of) sample estimates from two censuses or between a census sample and another survey. The standard error for estimates not based on the 1980 census sample must be obtained from an appropriate source outside of this publication.

- For the difference between two estimates, one of which is a subclass of the other, use the tables directly where the calculated difference is the estimate of interest.

**Means**—The standard error of a mean depends upon the variability of the distribution on which the mean is based, the size of the sample, the sample design (e.g., the use of households as a sampling unit), and the estimation procedure used.

An approximation to the standard error of the mean may be obtained as follows: compute the variance of the distribution on which the mean is based; multiply this value by five and divide the product by the total count of units in the distribution; obtain the square root of this quotient and multiply the result by the adjustment factor from table C that is appropriate for the characteristic on which the mean is based.

**Medians**—For the standard error of a median of a characteristic, it is necessary to examine the distribution from which the median is derived, as the size of the base and the distribution itself affect the standard error. An approximate method is given here. As the first step, compute one-half of the number on which the median is based (refer to this result as  $N/2$ ). Treat  $N/2$  as if it were an ordinary estimate and obtain its standard error as instructed above using tables A, C, and D. Compute the desired confidence interval about  $N/2$ . Starting with the lowest value of the characteristic, cumulate the frequencies in each category of the characteristic until the sum equals or first exceeds the lower limit of the confidence interval about  $N/2$ . By linear interpolation, obtain a value of the characteristic corresponding to this sum. This is the lower limit of the confidence interval of the median. In a similar manner, cumulate frequencies starting from

the highest value of the characteristic until the sum equals or exceeds the count in excess of the upper limit of the interval about  $N/2$ . Interpolate as before to obtain the upper limit of the confidence interval for the estimated median.

### Confidence Intervals

A sample estimate and its estimated standard error may be used to construct confidence intervals about the estimate. These intervals are ranges that will contain the average value of the estimated characteristic that results over all possible samples, with a known probability. For example, if all possible samples that could result under the 1980 census sample design were independently selected and surveyed under the same conditions, and if the estimate and its estimated standard error were calculated for each of these samples, then:

- (1) Approximately 68 percent of the intervals from one estimated standard error below the estimate to one estimated standard error above the estimate would contain the average result from all possible samples; and
- (2) Approximately 95 percent of the intervals from two estimated standard errors below the estimate to two estimated standard errors above the estimate would contain the average result from all possible samples.

The intervals are referred to as 68 percent and 95 percent confidence intervals, respectively.

The average value of the estimated characteristic that could be derived from all possible samples is or is not contained in any particular computed interval. Thus we cannot make the statement that the average value has a certain probability of falling between the limits of the calculated confidence interval. Rather, one can say with a specified probability or confidence that the calculated confidence interval includes the average estimate from all possible samples (approximately the complete count value).

Confidence intervals may also be constructed for the difference between two sample figures. This is done by computing the difference between these

figures, obtaining the standard error of the difference (using the formula given earlier), and then forming a confidence interval for this estimated difference as above. One can then say with specified confidence that this interval includes the difference that would have been obtained by averaging the results from all possible samples.

The estimated standard errors given in this report do not include all portions of the variability due to nonsampling error that may be present in the data. Thus, the standard errors calculated represent a lower bound of the total error. As a result, confidence intervals formed using these estimated standard errors may not meet the stated levels of confidence (i.e., 68 or 95 percent). Thus, some care must be exercised in the interpretation of the data in this publication based on the estimated standard errors.

For more information on confidence intervals and nonsampling error see any standard sampling theory text.

### Use of Tables to Compute Standard Errors

See appendix D of any 1980 Census of Housing, HC-80-1-B, *Detailed Housing Characteristics* report, for examples showing the computation of standard errors and the formation of confidence intervals.

### ESTIMATION PROCEDURE

The estimates which appear in this publication were obtained from an iterative ratio estimation procedure which resulted in the assignment of a weight to each sample person or housing unit record. For any given tabulation area, a characteristic total was estimated by summing the weights assigned to the persons or housing units in the tabulation area which possessed the characteristic. Estimates of family or household characteristics were based on the weights assigned to the family members designated as householders. Each sample person or housing unit record was assigned exactly one weight to be used to produce estimates of all characteristics. For example, if the weight given to a sample person or housing unit had the value five, all characteristics of that person or housing unit would be tabulated with a weight of

five. The estimation procedure, however, did assign weights which vary from person to person or housing unit to housing unit.

The estimation procedure used to assign the weights was performed in geographically defined "weighting areas." Weighting areas were generally formed of adjoining portions of geography, which closely agreed with census tabulation areas within counties. Weighting areas were required to have a minimum sample of 400 persons. Weighting areas were never allowed to cross state or county boundaries. In small counties with a sample count of less than 400 persons, the minimum required sample condition was relaxed to permit the entire county to become a weighting area.

Within a weighting area, the ratio estimation procedure for persons was performed in three stages. For persons, the first stage employed 17 household type groups. The second stage used two groups: householders and nonhouseholders. The third stage could potentially use 160 age-sex-race-Spanish origin groups. The stages were as follows:

### PERSONS

#### Stage I—Type of Household

Group	Persons in Housing Units With a Family With Own Children Under 18
1	2 persons in housing unit
2	3 persons in housing unit
3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing unit
	Persons in Housing Units With a Family Without Own Children Under 18
6-10	2 persons in housing unit through 8 or more persons in housing unit
	Persons in All Other Housing Units
11	1 person in housing unit
12-16	2 persons in housing unit through 8 or more persons in housing unit
17	Persons in group quarters

Stage II—Householder/  
Nonhouseholder

Group	
1	Householder
2	Nonhouseholder (including persons in group quarters)

Stage III—Age/Sex/Race/Spanish  
Origin

Group	White Race
	<i>Persons of Spanish Origin</i>
	<i>Male</i>
1	0 to 4 years of age
2	5 to 14 years of age
3	15 to 19 years of age
4	20 to 24 years of age
5	25 to 34 years of age
6	35 to 44 years of age
7	45 to 64 years of age
8	65 years of age or older
	<i>Female</i>
9-16	Same age categories as groups 1 to 8
	<i>Persons Not of Spanish Origin</i>
17-32	Same age and sex categories as groups 1 to 16
	<i>Black Race</i>
33-64	Same age-sex-Spanish origin categories as groups 1 to 32
	<i>Asian, Pacific Islander Race</i>
65-96	Same age-sex-Spanish origin categories as groups 1 to 32
	<i>American Indian, Eskimo, or Aleut Race</i>
97-128	Same age-sex-Spanish origin categories as groups 1 to 32
	<i>Other Race (includes those races not listed above)</i>
129-160	Same age-sex-Spanish origin categories as groups 1 to 32

Within a weighting area, the first step in the estimation procedure was to assign each sample person record an initial weight. This weight was approximately equal to the inverse of the probability of selecting a person for the census sample.

The next step in the estimation procedure was to combine, if necessary, the groups in each of the three stages prior to the repeated ratio estimation in order to increase the reliability of the ratio estima-

tion procedure. For the first and second stages, any group that did not meet certain criteria concerning the unweighted sample count or the ratio of the complete count to the initially weighted sample count, was combined, or collapsed, with another group in the same stage according to a specified collapsing pattern. At the third stage, the "Other" race category was collapsed with the "White" race category before the above collapsing criteria as well as an additional criterion concerning the number of complete count persons in each category were applied.

As the final step, the initial weights underwent three stages of ratio adjustment which used the groups listed above. At the first stage, the ratio of the complete census count to the sum of the initial weights for each sample person was computed for each stage I group. The initial weight assigned to each person in a group was then multiplied by the stage I group ratio to produce an adjusted weight. In stage II, the stage I adjusted weights were again adjusted by the ratio of the complete census count to the sum of the stage I weights for sample persons in each stage II group. Finally, the stage II weights were adjusted at stage III by the ratio of the complete census count to the sum of the stage II weights for sample persons in each stage III group. The three stages of adjustment were performed twice (two iterations) in the order given above. The weights obtained from the second iteration for stage III were assigned to the sample person records. However, to avoid complications in rounding for tabulated data, only whole number weights were assigned. For example, if the final weight for the persons in a particular group was 7.2, then one-fifth of the sample persons in this group were randomly assigned a weight of 8 and the remaining four-fifths received a weight of 7.

Separate weights were derived for tabulating the place of work and migration data items. The weights were obtained by adjusting the weight derived above for persons on questionnaires selected for coding by the reciprocal of the ED coding rate and a ratio adjustment to ensure that the sum of the weights and the complete count total population figure would agree.

The ratio estimation procedure for

housing units was essentially the same as that for persons. The major difference was that the occupied housing unit ratio estimation procedure was done in two stages and the vacant housing unit ratio estimation procedure was done in one stage. The first stage for occupied housing units employed 16 household-type categories and the second stage could potentially use 190 tenure-race-Spanish origin-value/rent groups. For vacant housing units, three groups were utilized. The stages for the ratio estimation for housing units were as follows:

## OCCUPIED HOUSING UNITS

## Stage I—Type of Household

Group	Housing Units With a Family With Own Children Under 18
1	2 persons in housing unit
2	3 persons in housing unit
3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing unit
	<i>Housing Units With a Family Without Own Children Under 18</i>
6-10	2 persons in housing unit through 8 or more persons in housing unit
	<i>All Other Housing Units</i>
11	1 person in housing unit
12-16	2 persons in housing unit through 8 or more persons in housing unit

Stage II—Tenure/Race and Origin  
of Householder/Value or Rent

Group	Owner
	<i>White Race (householder)</i>
	<i>Persons of Spanish Origin (householder)</i>
	<i>Value of House</i>
1	\$0 to \$9,999
2	\$10,000 to \$19,999
3	\$20,000 to \$24,999
4	\$25,000 to \$49,999
5	\$50,000 to \$99,999
6	\$100,000 to \$149,999
7	\$150,000+
8	Other Owners
	<i>Persons Not of Spanish Origin</i>

9-16	Same value categories as groups 1 to 8
17-32	<i>Black Race</i> Same value—Spanish origin categories as groups 1 to 16
33-48	<i>Asian, Pacific Islander Race</i> Same value—Spanish origin categories as groups 1 to 16
49-64	<i>American Indian, Eskimo, or Aleut Race</i> Same value—Spanish origin categories as groups 1 to 16
65-80	<i>Other Race (includes those races not listed above)</i> Same value—Spanish origin categories as groups 1 to 16
81	<i>Renter</i> <i>White Race</i> <i>Persons of Spanish Origin</i> <i>Rent Categories</i> \$1 to \$59
82	\$60 to \$99
83	\$100 to \$149
84	\$150 to \$199
85	\$200 to \$249
86	\$250 to \$299
87	\$300 to \$399
88	\$400 to \$499
89	\$500+
90	Other Renter
91	No Cash Rent
92-102	<i>Persons not of Spanish origin</i> Same rent categories as groups 81 to 91
103-124	<i>Black Race</i> Same rent—Spanish origin categories as groups 81 to 102
125-146	<i>Asian, Pacific Islander Race</i> Same rent—Spanish origin categories as groups 81 to 102
147-168	<i>American Indian, Eskimo, or Aleut Race</i> Same rent—Spanish origin categories as groups 81 to 102

	<i>Other Race (includes those races not listed above)</i>
169-190	Same rent—Spanish origin categories as groups 81 to 102

VACANT HOUSING UNITS

Group	
1	<i>Vacant for Rent</i>
2	<i>Vacant for Sale</i>
3	<i>Other Vacant</i>

The estimates produced by this procedure realize some of the gains in sampling efficiency that would have resulted if the population had been stratified into the ratio estimation groups before sampling, and the sampling rate had been applied independently to each group. The net effect is a reduction in both the standard error and the possible bias of most estimated characteristics to levels below what would have resulted from simply using the initial (unadjusted) weight. A by-product of this estimation procedure is that the estimates from the sample will, for the most part, be consistent with the complete-count figures for the population and housing unit groups used in the estimation procedure.

CONTROL OF NONSAMPLING ERROR

As mentioned above, nonsampling error is present in both sample and complete count data. If left unchecked, this error could introduce serious bias into the data, the variability of which could increase dramatically over that which would result purely from sampling. While it is impossible to completely eliminate nonsampling error from an operation as large and complex as the 1980 census, the Bureau of the Census attempted to control the sources of such error during the collection and processing operations. The primary sources of nonsampling error and the programs instituted for control of this error are described below. The success of these programs, however, was contingent upon how well the instructions were actually carried out during the census. To the extent possible, both the effects of these programs and the amount of error remaining after their application will be evaluated.

**Undercoverage**—It is possible for some persons or housing units to be entirely missed by the census. This undercoverage of persons and housing units can introduce biases into the data. Several extensive programs were developed to focus on this important problem.

- The Postal Service reviewed mailing lists and reported housing unit addresses which were missing, undeliverable, or duplicated in the listings.
- The purchased commercial mailing list was updated and corrected by a complete field review of the list of housing units during a prec canvass operation.
- A record check was performed to reduce the undercoverage of individual persons in selected areas. Independent lists of persons, such as driver's license holders, were matched with the household rosters in the census listings. Persons not matched to the census rosters were followed up and added to the census counts if they were found to have been missed.
- A recheck of units initially classified as vacant or nonexistent was utilized to further reduce the undercoverage of persons.

More extensive discussions of programs developed to reduce undercoverage will be published as the analyses of those programs are completed.

**Respondent and Enumerator Error**—The person answering the questionnaire or responding to the questions posed by an enumerator could serve as a source of error by offering incorrect or incomplete information. To reduce this source of error, questions were phrased as clearly as possible based on precensus tests and detailed instructions for completing the questionnaire were provided to each household. In addition, respondents' answers were edited for completeness and consistency and followed up as necessary. For example, if the source of water item was incomplete for a housing unit, long-form field edit procedures would recognize the situation, and a followup attempt to obtain the information would be made.

The enumerator may misinterpret or otherwise incorrectly record information given by a respondent; may fail to collect some of the information for a person or household; or may collect sample data for



households that were not designated as part of the sample. To control these problems, the work of enumerators was carefully monitored. Field staff were prepared for their tasks by using standardized training packages which included experience in using census materials. A sample of the households interviewed by enumerators for nonresponse was reinterviewed to control for the possibility of data for fabricated persons being submitted by enumerators. Also, the estimation procedure was designed to control for biases that would result from the collection of data from households not designated for the sample.

**Processing Error**—The many phases of processing the census represent potential sources for the introduction of nonsampling error. The processing of the census questionnaires includes the field editing, followup, and transmittal of completed questionnaires; the manual coding of write-in responses; and the electronic data processing. The various field, coding and computer operations undergo a number of quality control checks to insure their accurate application.

**Nonresponse**—Nonresponse to particular questions on the census questionnaire allows for the introduction of bias into the data, since the characteristics of the nonrespondents have not been observed and may differ from those reported by respondents. As a result, any allocation procedure using respondent data may not completely reflect this difference either at the element level (individual person or housing unit) or on the average. Some protection against the introduction of large biases is afforded by minimizing

nonresponse. In the census, nonresponse was substantially reduced during the field operations by the various edit and follow-up operations aimed at obtaining a response for every question. Characteristics for the nonresponses remaining after this operation were allocated by the computer using reported data for a person or housing unit with similar characteristics. The allocation procedure is described below.

### EDITING OF UNACCEPTABLE DATA

The objective of the processing operation is to produce a set of statistics that describes the nation's housing as accurately and clearly as possible. To meet this objective, certain unacceptable entries were edited.

In the field, questionnaires were reviewed for omissions and certain inconsistencies by a census clerk or an enumerator and, if necessary, a followup was made to obtain missing information. In addition, a similar review of questionnaires was done in the central processing offices. As a rule, however, editing was performed by hand only when it could not be done effectively by machine.

As one of the first steps in computerized editing, the configuration of marks on the questionnaire was scanned electronically to determine whether it contained information for a person or housing unit or merely spurious marks. If any characteristic for a housing unit was still missing when the questionnaires reached the central processing offices, it was supplied by allocation. Allocation, or assignments of acceptable codes in place of unacceptable entries, were

needed most often when an entry for a given item was lacking or when the information reported for a particular item was inconsistent with another item for the same housing unit. As in previous censuses, allocations or the assignment of acceptable entries were used to replace blanks or unacceptable entries. The allocation procedure was based on using information reported for another housing unit with characteristics similar to those of the housing unit for which allocation was necessary. For example, if the unit was reported as rented but the amount of rent was missing, the computer automatically assigned the rent that was reported for the preceding renter-occupied unit. The assignment of acceptable codes in place of blanks or unacceptable entries is designed to enhance the usefulness of the data.

Specific tolerances were established for the number of computer allocations that would be permitted. If the number of corrections was beyond tolerance, the questionnaires in which the errors occurred were clerically reviewed. If it was found that the errors resulted from damaged questionnaires, from improper microfilming, from faulty reading by FOSDIC of undamaged questionnaires, or from other types of machine failure, the questionnaires were reprocessed.

### ALLOCATION TABLES

The extent of allocations for nonresponses and inconsistencies for individual subject items is given for SMSA's and places in the 1980 Census of Population PC80-1-B and PC80-1-C reports and in the 1980 Census of Housing HC80-1-A and HC80-1-B reports.

Table A. **Unadjusted Standard Errors for Estimated Totals**

[Based on a 1-in-6 simple random sample]

Estimated Total <sup>1/</sup>	Size of publication area <sup>2/</sup>													
	500	1 000	2 500	5 000	10 000	25 000	50 000	100 000	250 000	500 000	1 000 000	5 000 000	10 000 000	25 000 000
50.....	16	16	16	16	16	16	16	16	16	16	16	16	16	16
100.....	20	21	22	22	22	22	22	22	22	22	22	22	22	22
250.....	25	30	35	35	35	35	35	35	35	35	35	35	35	35
500.....	-	35	45	45	50	50	50	50	50	50	50	50	50	50
1 000.....	-	-	55	65	65	70	70	70	70	70	70	70	70	70
2 500.....	-	-	-	80	95	110	110	110	110	110	110	110	110	110
5 000.....	-	-	-	-	110	140	150	150	160	160	160	160	160	160
10 000.....	-	-	-	-	-	170	200	210	220	220	220	220	220	220
15 000.....	-	-	-	-	-	170	230	250	270	270	270	270	270	270
25 000.....	-	-	-	-	-	-	250	310	340	350	350	350	350	350
75 000.....	-	-	-	-	-	-	-	310	510	570	590	610	610	610
100 000.....	-	-	-	-	-	-	-	-	550	630	670	700	700	710
250 000.....	-	-	-	-	-	-	-	-	-	790	970	1 090	1 100	1 100
500 000.....	-	-	-	-	-	-	-	-	-	-	1 120	1 500	1 540	1 570
1 000 000.....	-	-	-	-	-	-	-	-	-	-	-	2 000	2 120	2 190
5 000 000.....	-	-	-	-	-	-	-	-	-	-	-	-	3 540	4 470
10 000 000.....	-	-	-	-	-	-	-	-	-	-	-	-	-	5 480

<sup>1/</sup> For estimated totals larger than 10 000 000, the standard error is somewhat larger than the table values. The formula given below should be used to calculate the standard error.

$$Se(\hat{Y}) = \sqrt{5\hat{Y}(1-\frac{\hat{Y}}{N})}$$

N = Size of area

$\hat{Y}$  = Estimate of characteristic total

<sup>2/</sup> The total count of housing units in the area.

Table B. **Unadjusted Standard Error in Percentage Points for Estimated Percentages**

[Based on a 1-in-6 simple random sample]

Estimated Percentage	Base of percentage <sup>1/</sup>												
	500	750	1 000	1 500	2 500	5 000	7 500	10 000	25 000	50 000	100 000	250 000	500 000
2 or 98.....	1.4	1.1	1.0	0.8	0.6	0.4	0.4	0.3	0.2	0.1	0.1	0.1	0.1
5 or 95.....	2.2	1.8	1.5	1.3	1.0	0.7	0.6	0.5	0.3	0.2	0.2	0.1	0.1
10 or 90.....	3.0	2.4	2.1	1.7	1.3	0.9	0.8	0.7	0.4	0.3	0.2	0.1	0.1
15 or 85.....	3.6	2.9	2.5	2.1	1.6	1.1	0.9	0.8	0.5	0.4	0.3	0.2	0.1
20 or 80.....	4.0	3.3	2.8	2.3	1.8	1.3	1.0	0.9	0.6	0.4	0.3	0.2	0.1
25 or 75.....	4.3	3.5	3.1	2.5	1.9	1.4	1.1	1.0	0.6	0.4	0.3	0.2	0.1
30 or 70.....	4.6	3.7	3.2	2.6	2.0	1.4	1.2	1.0	0.6	0.5	0.3	0.2	0.1
35 or 65.....	4.8	3.9	3.4	2.8	2.1	1.5	1.2	1.1	0.7	0.5	0.3	0.2	0.2
50.....	5.0	4.1	3.5	2.9	2.2	1.6	1.3	1.1	0.7	0.5	0.4	0.2	0.2

<sup>1/</sup> For a percentage and/or base of percentage not shown in the table, the formula given below may be used to calculate the standard error.

$$Se(\hat{p}) = \sqrt{\frac{5}{B} \hat{p}(100-\hat{p})}$$

B = Base of estimated percentage

$\hat{p}$  = Estimated percentage



Table C. Standard Error Adjustment Factors

(Percent of persons or housing units in sample)

Characteristic	Less than 19 Percent	19 to 33 Percent	More than 33 Percent
Household type.....	1.1	0.8	0.5
Age and sex of householder.....	1.0	1.0	0.5
Occupancy status.....	1.1	0.9	0.5
Vacant price asked and vacant rent asked..	1.1	0.9	0.5
Tenure.....	1.1	0.8	0.5
Units in structure.....	1.1	0.9	0.6
Stories in structure.....	1.0	0.7	0.5
Passenger elevator.....	1.1	0.6	0.5
Persons in unit.....	1.1	0.8	0.5
Year structure built.....	1.0	0.9	0.5
Year householder moved into housing unit.....	1.1	0.9	0.5
Heating equipment and fuel.....	1.1	0.9	0.5
Number of bedrooms.....	1.1	0.9	0.5
Rooms.....	1.1	0.9	0.5
Telephone in housing unit.....	1.1	0.8	0.5
Air conditioning.....	1.1	1.0	0.5
Vehicles available.....	1.1	0.9	0.5
Gross rent and contract rent.....	1.1	0.9	0.5
Gross rent as a percentage of household income in 1979.....	1.1	0.9	0.5
Mortgage status and selected monthly owner costs.....	1.1	0.8	0.5
Household income.....	1.1	0.8	0.5
Poverty status: Housing.....	1.1	0.8	0.5
Existence of complete plumbing for exclusive use with 1.01 persons per room or more.....	1.1	0.9	0.5
Value.....	1.0	1.0	0.5

Table D. **Percent of Housing Units in Sample: 1980**

[For meaning of symbols, see Introduction. For definitions of terms, see appendixes A or

**The SMSA  
Places of 50,000 or More and  
Central Cities of SMSA's**

The SMSA -----

**PLACES OF 50,000 OR MORE AND CENTRAL  
CITIES OF SMSA's**

Bristol city -----

Housing units	
100-percent count	Percent in sample
26 694	15.8
21 004	15.7



## Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

### INSTRUCTIONS FOR QUESTIONS 1 THROUGH 10

1. List in question 1 (on page 1), the names of all the people who usually live here. Then turn to pages 2 and 3 where there are columns to list up to seven persons. In the first column print the name of one of the household members in whose name this home is owned or rented. If no household member owns or rents the living quarters, list in the first column any adult household member who is not a roomer, boarder, or paid employee. Print the names of the other household members, if any, in the columns which follow, using question 1 as a checklist.
2. Fill a circle to show how each person is related to the person in column 1.  
  
A stepchild or legally adopted child of the person in column 1 should be marked **Son/daughter**. Foster children or wards living in the household should be marked **Roomer, boarder**.
3. Be sure to fill a circle for the sex of each person.
4. Fill the circle for the category with which the person most closely identifies. If you fill the **Indian (American)** or **Other** circle, be sure to print the name of the specific Indian tribe or specific group.
5. Enter age at last birthday in the space provided (enter "0" for babies less than one year old). Also enter month and year of birth, and fill the appropriate circles. For an illustration of how to complete question 5, see the example on pages 4 and 5. If age or month or year of birth is not known, give your best estimate.
6. If the person's only marriage was annulled, mark **Never married**.
7. A person is of Spanish/Hispanic origin or descent if the person *identifies* his or her ancestry with one of the listed groups, that is, Mexican, Puerto Rican, etc. Origin or descent (ancestry) may be viewed as the nationality group, the lineage, or country in which the person or the person's parents or ancestors were born.
8. Do not count enrollment in a trade or business school, company training, or tutoring unless the course would be accepted for credit at a regular elementary school, high school, or college. A *public* school is any school or college which is controlled and supported primarily by a local, county, State, or Federal Government.
9. Fill only one circle. Mark the highest grade *ever* attended even if the person did not finish it. If the person is still in school, mark the grade in which now enrolled. Schooling received in foreign or ungraded schools should be reported as the equivalent grade or year in the regular American school system. If uncertain whether a Head Start program is for nursery school or kindergarten, mark the circle for **Nursery school**.

If the person skipped or repeated grades, mark the highest grade ever attended regardless of how long it took to get there. Persons who did not attend any college but who completed high school by finishing the 12th grade or by passing an equivalency test, such as the

General Educational Development (GED) examination, should fill the circle for the 12th grade.

10. Mark **Finished this grade (or year)** only if the person finished the *entire* grade or year marked in question 9 or if the highest grade was completed by passing a high school equivalency test.

### INSTRUCTIONS FOR QUESTIONS H4 THROUGH H12

- H4. Mark only one circle. *This address* means the house or building number where your living quarters are located.
- H5. Mark the second circle only if you *must* go through someone else's living quarters to get to your own.
- H6. Consider that you have hot water even if you have it only part of the time.  
  
Mark **Yes, but also used by another household** if someone else who lives in the same building, but is not a member of your household, also uses the facilities. Mark this circle also if the occupants of living quarters now vacant would also use the facilities in your living quarters.
- H7. Count only whole rooms used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Do not count bathrooms, kitchenettes, strip or pullman kitchens, utility rooms, or unfinished attics, unfinished basements, or other space used for storage.
- H8. Mark **Owned or being bought** if the living quarters are owned outright or are mortgaged. Also mark **Owned or being bought** if the living quarters are owned but the land is rented.  
  
Mark **Rented for cash rent** if any money rent is paid. Rent may be paid by persons who are not members of your household.  
  
**Occupied without payment of cash rent** includes, for example, a parsonage, military housing, a house or apartment provided free of rent by the owner, or a house or apartment occupied by a janitor or caretaker in exchange for services.
- H9. A *condominium* is housing in which the apartments or houses in a development are individually owned, but the common areas, such as lobbies, halls, etc., are jointly owned. The person owning a condominium very likely has a mortgage on the particular unit.
- H10b. A *commercial establishment* is easily recognized from the outside, for example, a grocery store or barber shop. A *medical office* is a doctor's or dentist's office regularly visited by patients.
- H11. Include the value of the house, the land it is on, and any other structures on the same property. If the house is owned but the land is rented, estimate the combined value of the house and the

land. If this is a condominium unit, enter the estimated value for your living quarters and your share of the common elements.

- H12.** Report the rent agreed to or contracted for, even if the rent is unpaid or paid by someone else.

If rent is not paid by the month, change the rent to a monthly amount; and then fill the appropriate circle in question H12.

If rent is paid:	Multiply rent by:
By the day	30
By the week	4
Every other week	2

If rent is paid:	Divide rent by:
4 times a year	3
2 times a year	6
Once a year	12

### INSTRUCTIONS FOR QUESTIONS H13 THROUGH H20

- H13.** Mark only one circle.

*Detached* means there is open space on all sides, or the house is joined only to a shed or garage. *Attached* means that the house is joined to another house or building by at least one wall which goes from ground to roof.

Mark **A** one-family house detached from any other house when a mobile home or trailer has had one or more rooms added or built onto it; a porch or shed is not considered a room.

Count all occupied and vacant living quarters in the house or building, but not stores or office space.

- H14a.** Do not count unfinished basements or unfinished attics. However, a basement or attic with finished room(s) for living purposes should be counted as a story.

- H15a.** A *city or suburban* lot is usually located in a city, a community, or any built-up area outside a city or community, and is not larger than the house and yard. All living quarters in apartment buildings, including garden-type apartments in the city or suburbs, are considered on a city or suburban lot.

A *place* is a farm, ranch, or any other property, other than a city or suburban lot, on which this *residence* is located.

- H16.** If a well provides water for six or more houses or apartments, mark **A** public system. If a well provides water for five or fewer houses or apartments, mark one of the categories for *individual well*.

*Drilled wells*, or small diameter wells, are usually less than 1½ feet in diameter. *Dug wells* are generally hand dug and are wider.

- H17.** A *public sewer* is operated by a government body or a private organization. A *septic tank or cesspool* is an underground tank or pit used for disposal of sewage.

- H19.** The term *person in column 1* refers to the person listed in the first column on page 2. This person should be the household member (or one of the members) in whose name the house is owned or rented. If there is no such person, any adult household member can be the person in column 1. Mark when this person last moved into *this* house or apartment.

- H20.** This question refers to the type of *heating equipment* and not to the fuel used.

An *electric heat pump* is sometimes known as a reverse cycle

system. It may be centrally installed with ducts to the rooms or individual heat pumps in the rooms.

A *floor, wall, or pipeless furnace* delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed and does not have ducts leading to other rooms.

Any heater that you plug into an electric outlet should be counted as a *portable room heater*.

### INSTRUCTIONS FOR QUESTIONS H21 THROUGH H32

- H21.** *Gas from underground pipes* is piped in from a central system such as one operated by a public utility company or a municipal government. *Bottled, tank, or LP gas* is stored in tanks which are refilled or exchanged when empty. *Other fuel* includes any fuel not separately listed, for example, purchased steam, fuel briquettes, waste material, etc.

- H22.** If your living quarters are rented, enter the costs for utilities and fuels only if you pay for them in addition to the rent entered in H12. If already included in rent, fill the appropriate circle.

The amounts to be reported should be for the past 12 months, that is, for electricity and gas, the monthly *average* for the past 12 months; for water and other fuels, the *total* amount for the past 12 months.

Estimate as closely as possible when exact costs are not known.

Report amounts even if your bills are unpaid or paid by someone else. If the bills include utilities or fuel used also by another apartment or a business establishment, estimate the amounts for your own living quarters. If gas and electricity are billed together, enter the combined amount on the electricity line and bracket ( { ) the two utilities.

- H23.** The kitchen sink, stove, and refrigerator must be located in the building but do *not* have to be in the same room. Portable cooking equipment is not considered as a range or cook stove.

- H26.** Answer *Yes only* if the telephone is located *in* your living quarters.

- H27.** Count only equipment used to cool the air by means of a refrigeration unit.

- H28—H29.** Count company cars (including police cars and taxicabs) and company trucks that are regularly kept at home and used by household members. Do *not* count cars or trucks permanently out of working order.

- H30—H32.** Do not answer these questions if you live in a cooperative, regardless of the number of units in the structure.

- H30.** Report taxes for all taxing jurisdictions even if they are included in mortgage payment, not paid yet, paid by someone else, or are delinquent.

- H31.** When premiums are paid on other than a yearly basis, convert to a yearly basis and enter the yearly amount, even if no payment was made during the past 12 months.

- H32a.** The word "mortgage" is used as a general term to indicate all types of loans which are secured by real estate.

- b. A second or junior mortgage is also secured by real estate but has been made by the homeowner in addition to the first mortgage.
- c. Enter a monthly amount even if it is unpaid or paid by someone else. If the amount is paid on some other periodic basis, see instructions for H12 to change it to a monthly amount.

#### INSTRUCTIONS FOR QUESTIONS 11 THROUGH 14

##### 11. For persons born in the United States:

Print the name of the State in which this person's mother was living when this person was born. For persons born in a hospital, do not give the State in which the hospital was located unless the hospital and the mother's home were in the same State or the location of the mother's home is not known. For example, if a person was born in a hospital in Washington, D.C., but the mother's home was in Virginia at the time of the person's birth, enter "Virginia."

##### For persons born outside the United States:

Print the full name of the foreign country or Puerto Rico, Guam, etc., where the person was born. Use international boundaries as now recognized by the United States. Specify whether Northern Ireland or Ireland (Eire); East or West Germany; England, Scotland or Wales (*not* Great Britain or United Kingdom). Specify the particular island in the Caribbean, *not*, for example, West Indies.

- 12. This question is only for persons born in a foreign country. Fill the **Yes**, a **naturalized citizen** circle only if the person has *completed* the naturalization process and is now a citizen.

If the person has entered the U.S. more than once, fill the circle for the year he or she came to stay permanently.

- 13a. Mark **No**, only speaks English if the person always speaks English *at home*; then skip to question 14.

Mark **Yes** if the person speaks a language other than English *at home*. Do *not* mark **Yes** for a language spoken only at school or if speaking ability is limited to a few expressions or slang.

- b. Print the non-English language spoken *at home*. If this person speaks two or more non-English languages *at home* and cannot determine which is spoken most often, report the first language the person learned to speak.
- c. Fill the circle that best describes the person's *ability* to speak English.
  - (1) The circle **Very well** should be filled for persons who have no difficulty speaking English.
  - (2) The circle **Well** should be filled for persons who have only minor problems which do not seriously limit their ability to speak English.
  - (3) The circle **Not well** should be filled for persons who are seriously limited in their ability to speak English.
  - (4) The circle **Not at all** should be filled for persons who do not speak English at all.

- 14. Print the ancestry group with which the person *identifies*. Ancestry (or origin or descent) may be viewed as the nationality group, the lineage, or the country in which the person or the person's parents or ancestors were born before their arrival in the United States. Persons who are of more than one origin and who cannot identify with a single group should print their multiple ancestry (for example, German-Irish).

Be specific; for example, if ancestry is "Indian," specify whether American Indian, Asian Indian, or West Indian. Distinguish Cape Verdean from Portuguese, and French Canadian from Canadian.

A religious group should not be reported as a person's ancestry.

#### INSTRUCTIONS FOR QUESTIONS 15 THROUGH 20

- 15a. Mark **Yes**, this house if this person lived in this same house or apartment on April 1, 1975, but moved away and came back between then and now. Mark **No**, different house if this person lived in the same building but in a different apartment (or in the same mobile home or trailer but on a different trailer site).

- b. If this person lived in a different house or apartment on April 1, 1975, give the location of this person's usual home at that time.

Part (1) If the person was living in the United States on April 1, 1975, print the name of the State. If the person did *not* live in the United States on April 1, 1975, print the full name of the foreign country or Puerto Rico, Guam, etc.

Part (2) If in Louisiana, print the parish name. If in Alaska, print the borough name. If in New York City — print the borough name if the county name is not known. If an independent city, leave blank.

Part (3) If in Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island or Vermont, print the name of the town rather than the name of the village or city, unless the name of the town is unknown.

Part (4) Mark **Yes** if you know that the location is *now* inside the limits of a city, town, village or other incorporated place, even if it was not inside the limits on April 1, 1975.

- 17a. Mark **Yes** only if this person was on *active* duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard. Mark **No** if the person was in the National Guard or the reserves.

- b. Mark **Yes** if the person was attending a college or university either full or part time and was enrolled for credit toward a degree. Mark **No** if the person was taking only non-credit courses or was attending a vocational or trade school, such as secretarial school.

- c. Mark **Yes**, full time if the person worked full time (35 hours or more per week). Mark **Yes**, part time if the person worked part time (less than 35 hours per week). Mark **No** if the person only did unpaid volunteer work, housework or yard work at own home, or if the only work done was as a resident of an institution.

- 18a. Mark **Yes** if this person was ever on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard, even if the time served was short. For persons in the National Guard or military reserve units, mark **Yes** *only* if the person was ever called to active duty; mark **No** if the only service was active duty for training.

- b. If this person served during more than one period, fill all circles which apply, even if service was for a short time.

- 19. The term "health condition" refers to any physical or mental problem which has lasted for 6 or more months. A serious problem with seeing, hearing, or speech should be considered a health condition. Pregnancy or a temporary health problem such as a broken bone that is expected to heal normally should *not* be considered a health condition.

- 20. Count all children born alive, including any who have died (even shortly after birth) or who no longer live with her.

## INSTRUCTIONS FOR QUESTIONS 21 THROUGH 26

21. If the exact date of marriage is not known, give your best estimate.
- 22a. Mark **Yes** if the person worked, either full or part time, on any day of last week (Sunday through Saturday).

Count as work:

Work for someone else for wages, salary, piece rate, commission, tips, or payments "in kind" (for example, food, lodging received as payment for work performed).

Work in own business, professional practice, or farm.

Any work in a family business or farm, paid or not.

Any part-time work including babysitting, paper routes, etc.

Active duty in Armed Forces.

Do not count as work:

Housework or yard work at home.

Unpaid volunteer work.

Work done as a resident of an institution.

- b. Give the *actual* number of hours worked at *all jobs last week*, even if that was more or fewer hours than usually worked.
23. If the person worked at several locations, but reported to the same location each day to begin work, print where he or she reported. If the person did not report to the same location each day to begin work, print the words "various locations" for 23a, and give as much information as possible in the remainder of 23 to identify the area in which he or she worked *most* last week.

If the person's employer operates in more than one location (such as a grocery store chain or public school system), give the exact address of the location or branch where the person worked.

If the person worked in a foreign country or Puerto Rico, Guam, etc., print the name of the country in 23e and leave the other parts of 23 blank.

- 24a. Travel time is from door to door. Include time taken waiting for public transportation, picking up passengers in carpools, etc.
- b. Mark **Worked at home** for a person who works on a farm where he or she lives, or in an office or shop in the person's home.
- c. If the person was driven to work by someone who then drove back home or to a non-work destination, mark **Drive alone**.
- d. Do not include riders who rode to school or some other non-work destination.
25. If the person works only during certain seasons or on a day-to-day basis when work is available, mark **No**.
- 26a. Mark **Yes** if the person tried to get a job or to start a business or professional practice at any time in the last *four* weeks; for example, registered at an employment office, went to a job interview, placed or answered ads, or did anything toward starting a business or professional practice.

- b. Mark **No, already has a job** if the person was on layoff or was expecting to report to a job within 30 days.

Mark **No, temporarily ill** if the person expects to be able to work within 30 days.

Mark **No, other reasons** if the person could not have taken a job because he or she was going to school, taking care of children, etc.

## INSTRUCTIONS FOR QUESTIONS 27 THROUGH 29

27. Look at the instructions for 22a to see what to count as work. Mark **Never worked** if the person: (1) never worked at any kind of job or business, either full or part time, (2) never did any work, with or without pay, in a family business or farm *and* (3) never served in the Armed Forces.

- 28a. If the person worked for a company, business, or government agency, print the name of the company, not the name of the person's supervisor. If the person worked for an individual or a business that has no company name, print the name of the individual worked for. If the person worked in his or her own business, print "self-employed."

- b. Print two or more words to tell what the business, industry, or individual employer named in 28a does. If there is more than one activity, describe only the major activity *at the place where the person works*. Enter what is made, what is sold, or what service is given.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

Unacceptable

Furniture company

Grocery store

Oil company

Ranch

Acceptable

Metal furniture manufacturing

Wholesale grocery store

Retail gas station

Cattle ranch

- c. Mark **Manufacturing** if the factory, plant, mill, etc., mostly makes things, even if it also sells them.

Mark **Wholesale trade** if the business mostly sells things to stores or other companies.

Mark **Retail trade** if the business mostly sells things (not services) to individuals.

Mark **Other** if the main activity of the employer is not making or selling things. Some examples of **Other** are farming, construction, and services such as those provided by hotels, dry cleaners, repair shops, schools, and banks.

- 29a. Print two or more words to describe the kind of work the person does. If the person is a trainee, apprentice, or helper, include that in the description.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

Unacceptable

Clerk

Helper

Mechanic

Nurse

Acceptable

Production clerk

Carpenter's helper

Auto engine mechanic

Registered nurse

- b. Print the most important things that the person does on the job. Some examples are shown on the census form.



INSTRUCTIONS FOR QUESTIONS 30 THROUGH 33

30. If the person was an employee of a *private* nonprofit organization, such as a church, fill the first circle:

Mark Local government employee for a teacher working in an elementary or secondary public school.

- 31a. Look at the instructions for question 22a to see what to count as work.

b. Count every week in which the person did any work at all, even for an hour.

c. If the hours worked each week varied considerably, give the best estimate of the hours usually worked most weeks.

d. Count every week in which the person did not work at all, but spent any time looking for work or on layoff from a job. *Looking for work* means trying to get a job or start a business or professional practice; *layoff* includes either temporary or indefinite layoff.

32. Fill the Yes or No circle for each part and enter the appropriate amount. If income from any source was received jointly by household members, report if possible, the appropriate share for each person; otherwise, report the whole amount for only one person and mark No for the other person, unless the other person has additional income of the same type.

a. Include sick leave pay. Do not include reimbursement for business

expenses and pay "in kind," (for example, food, lodging received as payment for work performed).

b. Include net earnings (gross earnings minus business expenses) from a nonfarm business. If business lost money, write "Loss" above the amount.

c. Include net earnings (gross receipts minus operating expenses) from a farm. If farm lost money, write "Loss" above the amount.

d. Include interest and dividends credited to the person's account (for example, from savings accounts and stock shares), net royalties, and net income from rental property.

e. Include Social Security or Railroad Retirement payments to retired persons, to dependents of deceased insured workers and to disabled workers.

f. Include public assistance or welfare payments received from Federal, State, or local agencies. Do not include private welfare payments.

g. Include all other regular payments, such as government employee retirement, union or private pensions and annuities; unemployment benefits; worker's compensation; Armed Forces allotments; private welfare payments; regular contributions from persons not living in the household; etc.

Do not include lump-sum payments received from the sale of property (capital gains), insurance policies, inheritances, etc.

33. If no income was received in 1979, fill the None circle. If total income was a loss, write "Loss" above the amount.

Please fill out this  
official Census Form  
and mail it back on  
Census Day,  
Tuesday, April 1, 1980

# 1980 Census of the United States

If the address shown below has the wrong apartment identification,  
please write the correct apartment number or location here:

DO	A1	A2	A4	A5	A6
----	----	----	----	----	----

L

## Your answers are confidential

By law (title 13, U.S. Code), census employees are subject to fine and/or imprisonment for any disclosure of your answers. Only after 72 years does your information become available to other government agencies or the public. The same law requires that you answer the questions to the best of your knowledge.

## Para personas de habla hispana

(For Spanish-speaking persons):  
SI USTED DESEA UN CUESTIONARIO DEL CENSO EN ESPAÑOL  
llame a la oficina del censo. El número de teléfono se encuentra en  
el encasillado de la dirección.

O, si prefiere, marque esta casilla ☐ y devuelva el cuestionario  
por correo en el sobre que se le incluye.

A message from the Director,  
Bureau of the Census . . .

We must, from time to time, take stock of ourselves as a people if our Nation is to meet successfully the many national and local challenges we face. This is the purpose of the 1980 census.

The essential need for a population census was recognized almost 200 years ago when our Constitution was written. As provided by article I, the first census was conducted in 1790 and one has been taken every 10 years since then.

The law under which the census is taken protects the confidentiality of your answers. For the next 72 years — or until April 1, 2052 — only sworn census workers have access to the individual records, and no one else may see them.

Your answers, when combined with the answers from other people, will provide the statistical figures needed by public and private groups, schools, business and industry, and Federal, State, and local governments across the country. These figures will help all sectors of American society understand how our population and housing are changing. In this way, we can deal more effectively with today's problems and work toward a better future for all of us.

The census is a vitally important national activity. Please do your part by filling out this census form accurately and completely. If you mail it back promptly in the enclosed postage-paid envelope, it will save the expense and inconvenience of a census taker having to visit you.

Thank you for your cooperation.

# How to fill out your Census Form

**See** the filled-out example in the yellow instruction guide. This guide will help with any problems you may have.

If you need more help, call the Census Office.  
The telephone number of the local office is  
shown at the bottom of the address box on the  
front cover.

**Use** a black pencil to answer the questions. Black pencil is better to use than ballpoint or other pens.

Fill circles "O" completely, like this ●

When you write in an answer, print or write clearly

**Make** sure that answers are provided for everyone here

See page 4 of the guide if a roomer or someone else in the household does not want to give you all the information for the form

**Answer** the questions on pages 1 through 5, and then starting with pages 6 and 7, fill a pair of pages for each person in the household

Check your answers. Then write your name, the date, and telephone number on page 20.

**Mail back this form on Tuesday, April 1, or as soon afterward as you can. Use the enclosed envelope. no stamp is needed.**

**Please** start by answering Question 1 below

## Question 1

## List in Question 1

- Family members living here, including babies still in the hospital
- Relatives living here
- Lodgers or boarders living here
- Other persons living here
- College students who stay here while attending college, even if their parents live elsewhere
- Persons who usually live here but are temporarily away (including children in boarding school below the college level)
- Persons with a home elsewhere but who stay here most of the week while working

**Do Not List in Question 1**

- Any person away from here in the Armed Forces.
- Any college student who stays somewhere else while attending college.
- Any person who usually stays somewhere else most of the week while working there.
- Any person away from here in an institution such as a home for the aged or mental hospital.
- Any person staying or visiting here who has a usual home elsewhere.

**1. What is the name of each person who was living here on Tuesday, April 1, 1980, or who was staying or visiting here and had no other home?**

[illegible]

### Note

If everyone here is staying only temporarily and has a usual home elsewhere, please mark this box ☐.

Then please:

- answer the questions on pages 2 through 5 only.
- and
- enter the address of your usual home on page 20.

**Please continue** 

Page 2

ALSO ANSWER THE HOUSING QUESTIONS ON PAGE 3

Here are the QUESTIONS ↓	These are the columns for ANSWERS → Please fill one column for each person listed in Question 1.	PERSON in column 1	PERSON in column 2
		Last name First name Middle initial	Last name First name Middle initial
<b>2. How is this person related to the person in column 1?</b>  Fill one circle.  If "Other relative" of person in column 1, give exact relationship, such as mother-in-law, niece, grandson, etc.	<b>START in this column with the household member (or one of the members) in whose name the home is owned or rented. If there is no such person, start in this column with any adult household member.</b>	If relative of person in column 1: <input type="radio"/> Husband/wife <input type="radio"/> Father/mother <input type="radio"/> Son/daughter <input type="radio"/> Other relative <input type="radio"/> Brother/sister  If not related to person in column 1: <input type="radio"/> Roomer, boarder <input type="radio"/> Other nonrelative <input type="radio"/> Partner, roommate <input type="radio"/> Paid employee	
<b>3. Sex</b> Fill one circle.	<input type="radio"/> Male <input checked="" type="checkbox"/> <input type="radio"/> Female	<input type="radio"/> Male <input checked="" type="checkbox"/> <input type="radio"/> Female	
<b>4. Is this person —</b>  Fill one circle.	<input type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — Specify <input type="radio"/> Indian (Amer.) Print tribe →	<input type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — Specify <input type="radio"/> Indian (Amer.) Print tribe →	
<b>5. Age, and month and year of birth</b>  a. Print age at last birthday. b. Print month and fill one circle. c. Print year in the spaces, and fill one circle below each number.	a. Age at last birthday b. Month of birth <input type="radio"/> Jan.—Mar. <input type="radio"/> Apr.—June <input type="radio"/> July—Sept. <input type="radio"/> Oct.—Dec. c. Year of birth 1 8 0 0 9 1 2 3 4 5 6 7 8 9	a. Age at last birthday b. Month of birth <input type="radio"/> Jan.—Mar. <input type="radio"/> Apr.—June <input type="radio"/> July—Sept. <input type="radio"/> Oct.—Dec. c. Year of birth 1 8 0 0 9 1 2 3 4 5 6 7 8 9	
<b>6. Marital status</b>  Fill one circle.	<input type="radio"/> Now married <input type="radio"/> Separated <input type="radio"/> Widowed <input type="radio"/> Never married <input type="radio"/> Divorced	<input type="radio"/> Now married <input type="radio"/> Separated <input type="radio"/> Widowed <input type="radio"/> Never married <input type="radio"/> Divorced	
<b>7. Is this person of Spanish/Hispanic origin or descent?</b>  Fill one circle.	<input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic	<input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic	
<b>8. Since February 1, 1980, has this person attended regular school or college at any time?</b> Fill one circle. Count nursery school, kindergarten, elementary school, and schooling which leads to a high school diploma or college degree.	<input type="radio"/> No, has not attended since February 1 <input type="radio"/> Yes, public school, public college <input type="radio"/> Yes, private, church-related <input type="radio"/> Yes, private, not church-related	<input type="radio"/> No, has not attended since February 1 <input type="radio"/> Yes, public school, public college <input type="radio"/> Yes, private, church-related <input type="radio"/> Yes, private, not church-related	
<b>9. What is the highest grade (or year) of regular school this person has ever attended?</b>  Fill one circle.  If now attending school, mark grade person is in. If high school was finished by equivalency test (GED), mark "12."	<b>Highest grade attended:</b> <input type="radio"/> Nursery school <input type="radio"/> Kindergarten Elementary through high school (grade or year) 1 2 3 4 5 6 7 8 9 10 11 12 <input type="radio"/> College (academic year) 1 2 3 4 5 6 7 8 or more <input type="radio"/> Never attended school — Skip question 10	<b>Highest grade attended:</b> <input type="radio"/> Nursery school <input type="radio"/> Kindergarten Elementary through high school (grade or year) 1 2 3 4 5 6 7 8 9 10 11 12 <input type="radio"/> College (academic year) 1 2 3 4 5 6 7 8 or more <input type="radio"/> Never attended school — Skip question 10	
<b>10. Did this person finish the highest grade (or year) attended?</b>  Fill one circle.	<input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)	<input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)	
	CENSUS USE ONLY    A.    I    N    O	CENSUS USE ONLY    A.    I    N    O	

→ **NOW PLEASE ANSWER QUESTIONS H1—H12  
FOR YOUR HOUSEHOLD**

If you listed more than 7 persons in Question 1, please see note on page 20.

PERSON in column 7	
Last name	Middle initial
First name	
If relative of person in column 1:	
<input type="radio"/> Husband/wife <input type="radio"/> Son/daughter <input type="radio"/> Brother/sister	<input type="radio"/> Father/mother <input type="radio"/> Other relative
If not related to person in column 1:	
<input type="radio"/> Roomer, boarder <input type="radio"/> Partner, roommate <input type="radio"/> Paid employee	<input type="radio"/> Other nonrelative
<input type="radio"/> Male <input checked="" type="radio"/> Female	
<input type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — Specify <input type="radio"/> Indian (Amer.) Print tribe →	
a. Age at last birthday	c. Year of birth
<div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div>	<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; width: 20px; height: 20px; margin-right: 5px; text-align: center; line-height: 20px;">1</div> <div style="display: flex; gap: 5px;"> <div style="border: 1px solid black; width: 20px; height: 20px; text-align: center; line-height: 20px;">8</div> <div style="border: 1px solid black; width: 20px; height: 20px; text-align: center; line-height: 20px;">0</div> <div style="border: 1px solid black; width: 20px; height: 20px; text-align: center; line-height: 20px;">0</div> </div> </div>
b. Month of birth	
<div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div>	
<input type="radio"/> Jan.—Mar. <input type="radio"/> Apr.—June <input type="radio"/> July—Sept. <input type="radio"/> Oct.—Dec.	
<input type="radio"/> Now married <input type="radio"/> Separated <input type="radio"/> Widowed <input type="radio"/> Never married <input type="radio"/> Divorced	
<input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic	
<input type="radio"/> No, has not attended since February 1 <input type="radio"/> Yes, public school, public college <input type="radio"/> Yes, private, church-related <input type="radio"/> Yes, private, not church-related	
Highest grade attended:	
<input type="radio"/> Nursery school <input type="radio"/> Kindergarten Elementary through high school (grade or year) 1 2 3 4 5 6 7 8 9 10 11 12 <input type="radio"/> College (academic year) 1 2 3 4 5 6 7 8 or more <input type="radio"/> Never attended school—Skip question 10	
<input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)	
CENSUS USE ONLY	A. <input type="radio"/> I <input type="radio"/> N <input type="radio"/> O

<p><b>H1.</b> Did you leave anyone out of Question 1 because you were not sure if the person should be listed — for example, a new baby still in the hospital, a lodger who also has another home, or a person who stays here once in a while and has no other home?</p> <p><input type="radio"/> Yes — On page 20 give name(s) and reason left out.  <input type="radio"/> No</p> <p><b>H2.</b> Did you list anyone in Question 1 who is away from home now — for example, on a vacation or in a hospital?</p> <p><input type="radio"/> Yes — On page 20 give name(s) and reason person is away.  <input type="radio"/> No</p> <p><b>H3.</b> Is anyone visiting here who is not already listed?</p> <p><input type="radio"/> Yes — On page 20 give name of each visitor for whom there is no one at the home address to report the person to a census taker.  <input type="radio"/> No</p> <p><b>H4.</b> How many living quarters, occupied and vacant, are at this address?</p> <p><input type="radio"/> One  <input type="radio"/> 2 apartments or living quarters  <input type="radio"/> 3 apartments or living quarters  <input type="radio"/> 4 apartments or living quarters  <input type="radio"/> 5 apartments or living quarters  <input type="radio"/> 6 apartments or living quarters  <input type="radio"/> 7 apartments or living quarters  <input type="radio"/> 8 apartments or living quarters  <input type="radio"/> 9 apartments or living quarters  <input type="radio"/> 10 or more apartments or living quarters  <input type="radio"/> This is a mobile home or trailer</p> <p><b>H5.</b> Do you enter your living quarters —</p> <p><input type="radio"/> Directly from the outside or through a common or public hall?  <input type="radio"/> Through someone else's living quarters?</p> <p><b>H6.</b> Do you have complete plumbing facilities in your living quarters, that is, hot and cold piped water, a flush toilet, and a bathtub or shower?</p> <p><input type="radio"/> Yes, for this household only  <input type="radio"/> Yes, but also used by another household  <input type="radio"/> No, have some but not all plumbing facilities  <input type="radio"/> No plumbing facilities in living quarters</p> <p><b>H7.</b> How many rooms do you have in your living quarters? Do not count bathrooms, porches, balconies, foyers, halls, or half-rooms.</p> <p><input type="radio"/> 1 room    <input type="radio"/> 4 rooms    <input type="radio"/> 7 rooms  <input type="radio"/> 2 rooms    <input type="radio"/> 5 rooms    <input type="radio"/> 8 rooms  <input type="radio"/> 3 rooms    <input type="radio"/> 6 rooms    <input type="radio"/> 9 or more rooms</p> <p><b>H8.</b> Are your living quarters —</p> <p><input type="radio"/> Owned or being bought by you or by someone else in this household?  <input type="radio"/> Rented for cash rent?  <input type="radio"/> Occupied without payment of cash rent?</p>	<p><b>H9.</b> Is this apartment (house) part of a condominium?</p> <p><input type="radio"/> No  <input type="radio"/> Yes, a condominium</p> <p><b>H10.</b> If this is a one-family house —</p> <p>a. Is the house on a property of 10 or more acres?  <input type="radio"/> Yes    <input type="radio"/> No</p> <p>b. Is any part of the property used as a commercial establishment or medical office?  <input type="radio"/> Yes    <input type="radio"/> No</p> <p><b>H11.</b> If you live in a one-family house or a condominium unit which you own or are buying —</p> <p>What is the value of this property, that is, how much do you think this property (house and lot or condominium unit) would sell for if it were for sale?</p> <p>Do not answer this question if this is —</p> <ul style="list-style-type: none"> <li><input type="radio"/> A mobile home or trailer</li> <li><input type="radio"/> A house on 10 or more acres</li> <li><input type="radio"/> A house with a commercial establishment or medical office on the property</li> </ul> <table style="width: 100%;"> <tr> <td><input type="radio"/> Less than \$10,000</td> <td><input type="radio"/> \$50,000 to \$54,999</td> </tr> <tr> <td><input type="radio"/> \$10,000 to \$14,999</td> <td><input type="radio"/> \$55,000 to \$59,999</td> </tr> <tr> <td><input 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<p><b>A4.</b> Block number</p> <p>0 0 0 1 1 1 2 2 2 3 3 3 4 4 4 5 5 5 6 6 6 7 7 7 8 8 8 9 9 9</p>	<p><b>A6.</b> Serial number</p> <p>0 0 0 0 1 1 1 1 2 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6 6 7 7 7 7 8 8 8 8 9 9 9 9</p>	<p><b>B.</b> Type of unit or quarters</p> <p><u>Occupied</u></p> <p><input type="radio"/> First form  <input type="radio"/> Continuation</p> <p><u>Vacant</u></p> <p><input type="radio"/> Regular  <input type="radio"/> Usual home elsewhere</p> <p><u>Group quarters</u></p> <p><input type="radio"/> First form  <input type="radio"/> Continuation</p>	<p><b>For vacant units</b></p> <p><b>C1.</b> Is this unit for —</p> <p><input type="radio"/> Year round use  <input type="radio"/> Seasonal/Mig. — Skip C2, C3, and D.</p> <p><b>C2.</b> Vacancy status</p> <p><input type="radio"/> For rent  <input type="radio"/> For sale only  <input type="radio"/> Rented or sold, not occupied  <input type="radio"/> Held for occasional use  <input type="radio"/> Other vacant</p> <p><b>C3.</b> Is this unit boarded up?</p> <p><input type="radio"/> Yes    <input type="radio"/> No</p>	<p><b>D.</b> Months vacant</p> <p><input type="radio"/> Less than 1 month  <input type="radio"/> 1 up to 2 months  <input type="radio"/> 2 up to 6 months  <input type="radio"/> 6 up to 12 months  <input type="radio"/> 1 year up to 2 years  <input type="radio"/> 2 or more years</p> <p><b>E.</b> Indicators</p> <p>1. <input type="radio"/> Mail return          2. <input type="radio"/> Pop./F</p>	<p><b>F.</b> Total persons</p> <p>0 0 0 1 1 1 2 2 2 3 3 3 4 4 4 5 5 5 6 6 6 7 7 7 8 8 8 9 9 9</p>
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<b>H13. Which best describes this building?</b> <i>Include all apartments, flats, etc., even if vacant.</i> <ul style="list-style-type: none"> <li><input type="radio"/> A mobile home or trailer</li> <li><input type="radio"/> A one-family house detached from any other house</li> <li><input type="radio"/> A one-family house attached to one or more houses</li> <li><input type="radio"/> A building for 2 families</li> <li><input type="radio"/> A building for 3 or 4 families</li> <li><input type="radio"/> A building for 5 to 9 families</li> <li><input type="radio"/> A building for 10 to 19 families</li> <li><input type="radio"/> A building for 20 to 49 families</li> <li><input type="radio"/> A building for 50 or more families</li> <li><input type="radio"/> A boat, tent, van, etc.</li> </ul>	<b>H21a. Which fuel is used most for house heating?</b> <ul style="list-style-type: none"> <li><input type="radio"/> Gas: from underground pipes serving the neighborhood</li> <li><input type="radio"/> Gas: bottled, tank, or LP</li> <li><input type="radio"/> Electricity</li> <li><input type="radio"/> Fuel oil, kerosene, etc.</li> <li><input type="radio"/> Coal or coke</li> <li><input type="radio"/> Wood</li> <li><input type="radio"/> Other fuel</li> <li><input type="radio"/> No fuel used</li> </ul> <b>b. Which fuel is used most for water heating?</b> <ul style="list-style-type: none"> <li><input type="radio"/> Gas: from underground pipes serving the neighborhood</li> <li><input type="radio"/> Gas: bottled, tank, or LP</li> <li><input type="radio"/> Electricity</li> <li><input type="radio"/> Fuel oil, kerosene, etc.</li> <li><input type="radio"/> Coal or coke</li> <li><input type="radio"/> Wood</li> <li><input type="radio"/> Other fuel</li> <li><input type="radio"/> No fuel used</li> </ul>	<b>CENSUS USE</b> <b>H22a.</b> <table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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<b>H14a. How many stories (floors) are in this building?</b> <i>Count an attic or basement as a story if it has any finished rooms for living purposes.</i> <ul style="list-style-type: none"> <li><input type="radio"/> 1 to 3 — Skip to H15</li> <li><input type="radio"/> 4 to 6</li> <li><input type="radio"/> 7 to 12</li> <li><input type="radio"/> 13 or more stories</li> </ul>	<b>c. Which fuel is used most for cooking?</b> <ul style="list-style-type: none"> <li><input type="radio"/> Gas: from underground pipes serving the neighborhood</li> <li><input type="radio"/> Gas: bottled, tank, or LP</li> <li><input type="radio"/> Electricity</li> <li><input type="radio"/> Fuel oil, kerosene, etc.</li> <li><input type="radio"/> Coal or coke</li> <li><input type="radio"/> Wood</li> <li><input type="radio"/> Other fuel</li> <li><input type="radio"/> No fuel used</li> </ul>	<b>H22b.</b> <table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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<b>b. Is there a passenger elevator in this building?</b> <ul style="list-style-type: none"> <li><input type="radio"/> Yes</li> <li><input type="radio"/> No</li> </ul>	<b>H22. What are the costs of utilities and fuels for your living quarters?</b> <b>a. Electricity</b> \$ _____ .00 OR <input type="radio"/> Included in rent or no charge <i>Average monthly cost</i> <input type="radio"/> Electricity not used	<b>H22c.</b> <table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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<b>H15a. Is this building —</b> <ul style="list-style-type: none"> <li><input type="radio"/> On a city or suburban lot, or on a place of less than 1 acre? — Skip to H16</li> <li><input type="radio"/> On a place of 1 to 9 acres?</li> <li><input type="radio"/> On a place of 10 or more acres?</li> </ul>	<b>b. Gas</b> \$ _____ .00 OR <input type="radio"/> Included in rent or no charge <i>Average monthly cost</i> <input type="radio"/> Gas not used	<b>H22d.</b> <table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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<b>b. Last year, 1979, did sales of crops, livestock, and other farm products from this place amount to —</b> <ul style="list-style-type: none"> <li><input type="radio"/> Less than \$50 (or None)</li> <li><input type="radio"/> \$50 to \$249</li> <li><input type="radio"/> \$250 to \$599</li> <li><input type="radio"/> \$600 to \$999</li> <li><input type="radio"/> \$1,000 to \$2,499</li> <li><input type="radio"/> \$2,500 or more</li> </ul>	<b>c. Water</b> \$ _____ .00 OR <input type="radio"/> Included in rent or no charge <i>Yearly cost</i> <input type="radio"/> These fuels not used	<b>H22e.</b> <table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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<b>H16. Do you get water from —</b> <ul style="list-style-type: none"> <li><input type="radio"/> A public system (city water department, etc.) or private company?</li> <li><input type="radio"/> An individual drilled well?</li> <li><input type="radio"/> An individual dug well?</li> <li><input type="radio"/> Some other source (a spring, creek, river, cistern, etc.)?</li> </ul>	<b>d. Oil, coal, kerosene, wood, etc.</b> \$ _____ .00 OR <input type="radio"/> Included in rent or no charge <i>Yearly cost</i> <input type="radio"/> These fuels not used	<b>H22f.</b> <table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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<b>H17. Is this building connected to a public sewer?</b> <ul style="list-style-type: none"> <li><input type="radio"/> Yes, connected to public sewer</li> <li><input type="radio"/> No, connected to septic tank or cesspool</li> <li><input type="radio"/> No, use other means</li> </ul>	<b>H23. Do you have complete kitchen facilities? Complete kitchen facilities are a sink with piped water, a range or cookstove, and a refrigerator.</b> <ul style="list-style-type: none"> <li><input type="radio"/> Yes</li> <li><input type="radio"/> No</li> </ul>	<b>H22g.</b> <table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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<b>H18. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</b> <ul style="list-style-type: none"> <li><input type="radio"/> 1979 or 1980</li> <li><input type="radio"/> 1975 to 1978</li> <li><input type="radio"/> 1970 to 1974</li> <li><input type="radio"/> 1960 to 1969</li> <li><input type="radio"/> 1950 to 1959</li> <li><input type="radio"/> 1940 to 1949</li> <li><input type="radio"/> 1939 or earlier</li> </ul>	<b>H24. How many bedrooms do you have?</b> <i>Count rooms used mainly for sleeping even if used also for other purposes.</i> <ul style="list-style-type: none"> <li><input type="radio"/> No bedroom</li> <li><input type="radio"/> 1 bedroom</li> <li><input type="radio"/> 2 bedrooms</li> <li><input type="radio"/> 3 bedrooms</li> <li><input type="radio"/> 4 bedrooms</li> <li><input type="radio"/> 5 or more bedrooms</li> </ul>	<b>H22h.</b> <table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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<b>H19. When did the person listed in column 1 move into this house (or apartment)?</b> <ul style="list-style-type: none"> <li><input type="radio"/> 1979 or 1980</li> <li><input type="radio"/> 1975 to 1978</li> <li><input type="radio"/> 1970 to 1974</li> <li><input type="radio"/> 1960 to 1969</li> <li><input type="radio"/> 1950 to 1959</li> <li><input type="radio"/> 1949 or earlier</li> <li><input type="radio"/> Always lived here</li> </ul>	<b>H25. How many bathrooms do you have?</b> <i>A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water.</i> <i>A half bathroom has at least a flush toilet or bathtub or shower, but does not have all the facilities for a complete bathroom.</i> <ul style="list-style-type: none"> <li><input type="radio"/> No bathroom, or only a half bathroom</li> <li><input type="radio"/> 1 complete bathroom</li> <li><input type="radio"/> 1 complete bathroom, plus half bath(s)</li> <li><input type="radio"/> 2 or more complete bathrooms</li> </ul>	<b>H22i.</b> <table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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<b>H20. How are your living quarters heated?</b> <i>Fill one circle for the kind of heat used most.</i> <ul style="list-style-type: none"> <li><input type="radio"/> Steam or hot water system</li> <li><input type="radio"/> Central warm-air furnace with ducts to the individual rooms (Do not count electric heat pumps here)</li> <li><input type="radio"/> Electric heat pump</li> <li><input type="radio"/> Other built-in electric units (permanently installed in wall, ceiling, or baseboard)</li> <li><input type="radio"/> Floor, wall, or pipeless furnace</li> <li><input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene</li> <li><input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene (not portable)</li> <li><input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind</li> <li><input type="radio"/> No heating equipment</li> </ul>	<b>H26. Do you have a telephone in your living quarters?</b> <ul style="list-style-type: none"> <li><input type="radio"/> Yes</li> <li><input type="radio"/> No</li> </ul> <b>H27. Do you have air conditioning?</b> <ul style="list-style-type: none"> <li><input type="radio"/> Yes, a central air-conditioning system</li> <li><input type="radio"/> Yes, 1 individual room unit</li> <li><input type="radio"/> Yes, 2 or more individual room units</li> <li><input type="radio"/> No</li> </ul> <b>H28. How many automobiles are kept at home for use by members of your household?</b> <ul style="list-style-type: none"> <li><input type="radio"/> None</li> <li><input type="radio"/> 1 automobile</li> <li><input type="radio"/> 2 automobiles</li> <li><input type="radio"/> 3 or more automobiles</li> </ul> <b>H29. How many vans or trucks of one-ton capacity or less are kept at home for use by members of your household?</b> <ul style="list-style-type: none"> <li><input type="radio"/> None</li> <li><input type="radio"/> 1 van or truck</li> <li><input type="radio"/> 2 vans or trucks</li> <li><input type="radio"/> 3 or more vans or trucks</li> </ul>	<b>H22j.</b> <table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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FOR YOUR HOUSEHOLD

Please answer H30–H32 if you live in a one-family house which you own or are buying, unless this is –

- A mobile home or trailer . . . . .
- A house on 10 or more acres . . . . .
- A condominium unit . . . . .
- A house with a commercial establishment or medical office on the property . . . . .

If any of these, or if you rent your unit or this is a multi-family structure, skip H30 to H32 and turn to page 6.

H30. What were the real estate taxes on this property last year?

\$ \_\_\_\_\_ .00 OR ☐ None

H31. What is the annual premium for fire and hazard insurance on this property?

\$ \_\_\_\_\_ .00 OR ☐ None

H32a. Do you have a mortgage, deed of trust, contract to purchase, or similar debt on this property?

☐ Yes, mortgage, deed of trust, or similar debt

☐ Yes, contract to purchase

☐ No — Skip to page 6

b. Do you have a second or junior mortgage on this property?

☐ Yes ☐ No

c. How much is your total regular monthly payment to the lender?

Also include payments on a contract to purchase and to lenders holding second or junior mortgages on this property.

\$ \_\_\_\_\_ 00 OR ☐ No regular payment required — Skip to page 6

d. Does your regular monthly payment (amount entered in H32c) include payments for real estate taxes on this property?

☐ Yes, taxes included in payment

☐ No, taxes paid separately or taxes not required

e. Does your regular monthly payment (amount entered in H32c) include payments for fire and hazard insurance on this property?

☐ Yes, insurance included in payment

☐ No, insurance paid separately or no insurance

Please turn to page 6

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	1	2.	4.	2	2.	4.	3	2.	4.
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<p><b>Name of Person 1 on page 2:</b></p> <p style="text-align: center;">Last name      First name      Middle initial</p> <hr/> <p><b>11. In what State or foreign country was this person born?</b>  <i>Print the State where this person's mother was living when this person was born. Do not give the location of the hospital unless the mother's home and the hospital were in the same State.</i></p> <p>_____  <i>Name of State or foreign country; or Puerto Rico, Guam, etc.</i></p> <p><b>12. If this person was born in a foreign country —</b>  <b>a. Is this person a naturalized citizen of the United States?</b></p> <p><input type="radio"/> Yes, a naturalized citizen  <input type="radio"/> No, not a citizen  <input type="radio"/> Born abroad of American parents</p> <p><b>b. When did this person come to the United States to stay?</b></p> <p><input type="radio"/> 1975 to 1980    <input type="radio"/> 1965 to 1969    <input type="radio"/> 1950 to 1959  <input type="radio"/> 1970 to 1974    <input type="radio"/> 1960 to 1964    <input type="radio"/> Before 1950</p> <p><b>13a. Does this person speak a language other than English at home?</b></p> <p><input type="radio"/> Yes    <input type="radio"/> No, only speaks English — <i>Skip to 14</i></p> <p><b>b. What is this language?</b></p> <p>_____  <i>(For example — Chinese, Italian, Spanish, etc.)</i></p> <p><b>c. How well does this person speak English?</b></p> <p><input type="radio"/> Very well    <input type="radio"/> Not well  <input type="radio"/> Well    <input type="radio"/> Not at all</p> <p><b>14. What is this person's ancestry? If uncertain about how to report ancestry, see instruction guide.</b></p> <p>_____  <i>(For example: Afro-Amer., English, French, German, Honduran, Hungarian, Irish, Italian, Jamaican, Korean, Lebanese, Mexican, Nigerian, Polish, Ukrainian, Venezuelan, etc.)</i></p> <p><b>15a. Did this person live in this house five years ago (April 1, 1975)?</b>  <i>If in college or Armed Forces in April 1975, report place of residence there.</i></p> <p><input type="radio"/> Born April 1975 or later — <i>Turn to next page for next person</i>  <input type="radio"/> Yes, this house — <i>Skip to 16</i>  <input type="radio"/> No, different house</p> <p><b>b. Where did this person live five years ago (April 1, 1975)?</b></p> <p>(1) State, foreign country, Puerto Rico, Guam, etc.: _____</p> <p>(2) County: _____</p> <p>(3) City, town, village, etc.: _____</p> <p>(4) Inside the incorporated (legal) limits of that city, town, village, etc.?</p> <p><input type="radio"/> Yes    <input type="radio"/> No, in unincorporated area</p>	<p><b>16. When was this person born?</b></p> <p><input type="radio"/> Born before April 1965 —  <i>Please go on with questions 17-33</i></p> <p><input type="radio"/> Born April 1965 or later —  <i>Turn to next page for next person</i></p> <p><b>17. In April 1975 (five years ago) was this person —</b></p> <p><b>a. On active duty in the Armed Forces?</b></p> <p><input type="radio"/> Yes    <input type="radio"/> No</p> <p><b>b. Attending college?</b></p> <p><input type="radio"/> Yes    <input type="radio"/> No</p> <p><b>c. Working at a job or business?</b></p> <p><input type="radio"/> Yes, full time    <input type="radio"/> No  <input type="radio"/> Yes, part time</p> <p><b>18a. Is this person a veteran of active-duty military service in the Armed Forces of the United States?</b>  <i>If service was in National Guard or Reserves only, see instruction guide.</i></p> <p><input type="radio"/> Yes    <input type="radio"/> No — <i>Skip to 19</i></p> <p><b>b. Was active-duty military service during —</b>  <i>Fill a circle for each period in which this person served.</i></p> <p><input type="radio"/> May 1975 or later  <input type="radio"/> Vietnam era (August 1964–April 1975)  <input type="radio"/> February 1955–July 1964  <input type="radio"/> Korean conflict (June 1950–January 1955)  <input type="radio"/> World War II (September 1940–July 1947)  <input type="radio"/> World War I (April 1917–November 1918)  <input type="radio"/> Any other time</p> <p><b>19. Does this person have a physical, mental, or other health condition which has lasted for 6 or more months and which . . .</b></p> <p><b>a. Limits the kind or amount of work this person can do at a job? . . .</b>    Yes    No  <input type="radio"/>    <input type="radio"/></p> <p><b>b. Prevents this person from working at a job?</b>    <input type="radio"/>    <input type="radio"/></p> <p><b>c. Limits or prevents this person from using public transportation? . . .</b>    <input type="radio"/>    <input type="radio"/></p> <p><b>20. If this person is a female —</b>    None    1    2    3    4    5    6  <b>How many babies has she ever had, not counting stillbirths?</b>    <input type="radio"/>    <input type="radio"/>    <input type="radio"/>    <input type="radio"/>    <input type="radio"/>    <input type="radio"/>    <input type="radio"/></p> <p><i>Do not count her stepchildren or children she has adopted.</i>    7    8    9    10    11    12 or more  <input type="radio"/>    <input type="radio"/>    <input type="radio"/>    <input type="radio"/>    <input type="radio"/>    <input type="radio"/></p> <p><b>21. If this person has ever been married —</b></p> <p><b>a. Has this person been married more than once?</b></p> <p><input type="radio"/> Once    <input type="radio"/> More than once</p> <p><b>b. Month and year of marriage?    Month and year of first marriage?</b></p> <p>_____  <i>(Month)    (Year)    (Month)    (Year)</i></p> <p><b>c. If married more than once — Did the first marriage end because of the death of the husband (or wife)?</b></p> <p><input type="radio"/> Yes    <input type="radio"/> No</p>	<p><b>22a. Did this person work at any time last week?</b></p> <p><input type="radio"/> Yes — <i>Fill this circle if this person worked full time or part time. (Count part-time work such as delivering papers, or helping without pay in a family business or farm. Also count active duty in the Armed Forces.)</i>    <input type="radio"/> No — <i>Fill this circle if this person did not work, or did only own housework, school work, or volunteer work.</i></p> <p style="text-align: center;">Skip to 25</p> <p><b>b. How many hours did this person work last week (at all jobs)?</b>  <i>Subtract any time off; add overtime or extra hours worked.</i></p> <p style="text-align: center;">Hours    <input type="text"/></p> <p><b>23. At what location did this person work last week?</b>  <i>If this person worked at more than one location, print where he or she worked most last week.</i>  <i>If one location cannot be specified, see instruction guide.</i></p> <p><b>a. Address (Number and street)</b> _____</p> <p><i>If street address is not known, enter the building name, shopping center, or other physical location description.</i></p> <p><b>b. Name of city, town, village, borough, etc.</b> _____</p> <p><b>c. Is the place of work inside the incorporated (legal) limits of that city, town, village, borough, etc.?</b></p> <p><input type="radio"/> Yes    <input type="radio"/> No, in unincorporated area</p> <p><b>d. County</b> _____</p> <p><b>e. State</b> _____    <b>f. ZIP Code</b> _____</p> <p><b>24a. Last week, how long did it usually take this person to get from home to work (one way)?</b></p> <p style="text-align: center;">Minutes    <input type="text"/></p> <p><b>b. How did this person usually get to work last week?</b>  <i>If this person used more than one method, give the one usually used for most of the distance.</i></p> <p><input type="radio"/> Car    <input type="radio"/> Taxicab  <input type="radio"/> Truck    <input type="radio"/> Motorcycle  <input type="radio"/> Van    <input type="radio"/> Bicycle  <input type="radio"/> Bus or streetcar    <input type="radio"/> Walked only  <input type="radio"/> Railroad    <input type="radio"/> Worked at home  <input type="radio"/> Subway or elevated    <input type="radio"/> Other — <i>Specify</i> _____</p> <p><i>If car, truck, or van in 24b, go to 24c. Otherwise, skip to 28.</i></p>
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Per. No.	11.	13b.	14.	15b.	23.	24a.
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6	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
9	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

PERSON 1 ON PAGE 2

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<p>c. When going to work <u>last week</u>, did this person usually —</p> <p><input type="radio"/> Drive alone — <i>Skip to 28</i>      <input type="radio"/> Drive others only</p> <p><input type="radio"/> Share driving      <input type="radio"/> Ride as passenger only</p>	<p>CENSUS USE</p> <p>21b.</p>	<p>31a. Last year (1979), did this person work, even for a few days, at a paid job or in a business or farm?</p> <p><input type="radio"/> Yes <input checked="" type="checkbox"/> <input type="radio"/> No — <i>Skip to 31d</i></p>	<p>CENSUS USE ONLY</p> <p>31b. 31c. 31d.</p>
<p>d. How many people, including this person, usually rode to work in the car, truck, or van <u>last week</u>?</p> <p><input type="radio"/> 2      <input type="radio"/> 4      <input type="radio"/> 6</p> <p><input type="radio"/> 3      <input checked="" type="radio"/> 5      <input type="radio"/> 7 or more</p> <p><i>After answering 24d, skip to 28.</i></p>	<p>I 1 1</p> <p>O 2 2</p> <p>II 3 3</p> <p>O 4 4</p> <p>III 5 5</p> <p>O 6 6</p> <p>O 7 7</p> <p>IV 8 8</p> <p>O 9 9</p>	<p>b. How many weeks did this person work in 1979?</p> <p><i>Count paid vacation, paid sick leave, and military service.</i></p> <p>Weeks</p>	<p>31b. 31c. 31d.</p>
<p>25. Was this person <u>temporarily</u> absent or on layoff from a job or business <u>last week</u>?</p> <p><input type="radio"/> Yes, on layoff</p> <p><input type="radio"/> Yes, on vacation, temporary illness, labor dispute, etc.</p> <p><input type="radio"/> No</p>	<p>22b.</p>	<p>c. During the weeks <u>worked</u> in 1979, how many hours did this person usually work each week?</p> <p>Hours</p>	<p>31b. 31c. 31d.</p>
<p>26a. Has this person been looking for work during the last 4 weeks?</p> <p><input checked="" type="radio"/> Yes      <input type="radio"/> No — <i>Skip to 27</i></p> <p>b. Could this person have taken a job <u>last week</u>?</p> <p><input type="radio"/> No, already has a job <input checked="" type="checkbox"/></p> <p><input type="radio"/> No, temporarily ill</p> <p><input type="radio"/> No, other reasons (<i>in school, etc.</i>)</p> <p><input type="radio"/> Yes, could have taken a job</p>	<p>O 0</p> <p>I 1</p> <p>2 2</p> <p>3 3</p> <p>4 4</p> <p>5 5</p> <p>6 6</p> <p>7 7</p> <p>8 8</p> <p>9 9</p>	<p>d. Of the weeks <u>not worked</u> in 1979 (if any), how many weeks was this person looking for work or on layoff from a job?</p> <p>Weeks</p>	<p>32a. 32b.</p>
<p>27. When did this person last work, even for a few days?</p> <p><input type="radio"/> 1980      <input type="radio"/> 1978      <input type="radio"/> 1970 to 1974</p> <p><input type="radio"/> 1979      <input type="radio"/> 1975 to 1977      <input type="radio"/> 1969 or earlier</p> <p><i>Skip to 31d</i></p> <p><input type="radio"/> Never worked</p>	<p>28.</p>	<p>32. Income in 1979 —</p> <p><i>Fill circles and print dollar amounts.</i></p> <p><i>If net income was a loss, write "Loss" above the dollar amount.</i></p> <p><i>If exact amount is not known, give best estimate. For income received jointly by household members, see instruction guide.</i></p> <p>During 1979 did this person receive any income from the following sources?</p> <p>If "Yes" to any of the sources below — How much did this person receive for the entire year?</p>	<p>32c. 32d.</p>
<p>28–30. Current or most recent job activity</p> <p><i>Describe clearly this person's chief job activity or business last week. If this person had more than one job, describe the one at which this person worked the most hours.</i></p> <p><i>If this person had no job or business last week, give information for last job or business since 1975.</i></p>	<p>A B C</p> <p>O 0</p> <p>D E F</p> <p>O 0</p> <p>G H J</p> <p>O 0</p> <p>K L M</p> <p>O 0</p>	<p>a. Wages, salary, commissions, bonuses, or tips from all jobs . . . Report amount before deductions for taxes, bonds, dues, or other items.</p> <p><input type="radio"/> Yes → \$ .00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p>	<p>32c. 32d.</p>
<p>28. Industry</p> <p>a. For whom did this person work? If now on active duty in the Armed Forces, print "AF" and skip to question 31.</p> <p>(Name of company, business, organization, or other employer)</p>	<p>O 0</p> <p>I 1</p> <p>2 2</p> <p>3 3</p> <p>4 4</p> <p>5 5</p> <p>6 6</p> <p>7 7</p> <p>8 8</p> <p>9 9</p>	<p>b. Own nonfarm business, partnership, or professional practice . . . Report net income after business expenses.</p> <p><input checked="" type="radio"/> Yes → \$ .00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p>	<p>32c. 32d.</p>
<p>b. What kind of business or industry was this?</p> <p><i>Describe the activity at location where employed.</i></p> <p>(For example: Hospital, newspaper publishing, mail order house, auto engine manufacturing, breakfast cereal manufacturing)</p>	<p>O 0</p> <p>I 1</p> <p>2 2</p> <p>3 3</p> <p>4 4</p> <p>5 5</p> <p>6 6</p> <p>7 7</p> <p>8 8</p> <p>9 9</p>	<p>c. Own farm . . . Report net income after operating expenses. Include earnings as a tenant farmer or sharecropper.</p> <p><input type="radio"/> Yes → \$ .00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p>	<p>32e. 32f.</p>
<p>c. Is this mainly — (Fill one circle)</p> <p>Manufacturing <input checked="" type="radio"/>      <input type="radio"/> Retail trade</p> <p>Wholesale trade      <input type="radio"/> Other — (<i>agriculture, construction, service, government, etc.</i>)</p>	<p>AF O</p> <p>NW O</p>	<p>d. Interest, dividends, royalties, or net rental income . . . Report even small amounts credited to an account.</p> <p><input type="radio"/> Yes → \$ .00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p>	<p>32e. 32f.</p>
<p>29. Occupation</p> <p>a. What kind of work was this person doing?</p> <p>(For example: Registered nurse, personnel manager, supervisor of order department, gasoline engine assembler, grinder operator)</p> <p>b. What were this person's most important activities or duties?</p> <p>(For example: Patient care, directing hiring policies, supervising order clerks, assembling engines, operating grinding mill)</p>	<p>29.</p>	<p>e. Social Security or Railroad Retirement . . .</p> <p><input checked="" type="radio"/> Yes → \$ .00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p>	<p>32g. 33.</p>
<p>30. Was this person — (Fill one circle)</p> <p>Employee of private company, business, or individual, for wages, salary, or commissions . . . <input checked="" type="radio"/></p> <p>Federal government employee . . . <input type="radio"/></p> <p>State government employee . . . <input type="radio"/></p> <p>Local government employee (city, county, etc.) . . . <input type="radio"/></p> <p>Self-employed in own business, professional practice, or farm —</p> <p>Own business not incorporated . . . <input type="radio"/></p> <p>Own business incorporated . . . <input type="radio"/></p> <p>Working without pay in family business or farm . . . <input type="radio"/></p>	<p>N P Q</p> <p>O 0</p> <p>R S T</p> <p>O 0</p> <p>U V W</p> <p>O 0</p> <p>X Y Z</p> <p>O 0</p>	<p>f. Supplemental Security (SSI), Aid to Families with Dependent Children (AFDC), or other public assistance or public welfare payments . . .</p> <p><input type="radio"/> Yes → \$ .00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p>	<p>32g. 33.</p>
		<p>g. Unemployment compensation, veterans' payments, pensions, alimony or child support, or any other sources of income received regularly . . .</p> <p><i>Exclude lump-sum payments such as money from an inheritance or the sale of a home.</i></p> <p><input checked="" type="radio"/> Yes → \$ .00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p>	
		<p>33. What was this person's total income in 1979?</p> <p>Add entries in questions 32a through g; subtract any losses.</p> <p>\$ .00</p> <p>(Annual amount — Dollars)</p> <p>If total amount was a loss, write "Loss" above amount.</p> <p>OR <input type="radio"/> None</p>	

→ Please turn to the next page and answer the questions for Person 2 on page 2



## Appendix F.—Publication and Computer Tape Program

GENERAL. . . . .	F-1	PUBLICATIONS—Con.	
PUBLICATIONS. . . . .	F-1	HC80-5, Volume 5, Residen-	
Population and Housing Census		tial Finance . . . . .	F-4
Reports . . . . .	F-1	HC80-S1-1, Supplementary	
PHC80-1, Block Statistics . . .	F-1	Reports . . . . .	F-4
PHC80-2, Census Tracts . . .	F-2	Evaluation and Reference	
PHC80-3, Summary Charac-		Reports . . . . .	F-4
teristics for Governmental		PHC80-E, Evaluation and	
Units and Standard Metro-		Research Reports. . . . .	F-4
politan Statistical Areas . . .	F-2	PHC80-R, Reference Reports. .	F-4
PHC80-4, Congressional		PHC80-R1, Users' Guide. . .	F-4
Districts of the 98th		PHC80-R2, History . . . . .	F-4
Congress . . . . .	F-2	PHC80-R3, Alphabetical	
PHC80-S1-1, Provisional		Index of Industries and	
Estimates of Social, Eco-		Occupations . . . . .	F-4
nomical, and Housing		PHC80-R4, Classified	
Characteristics. . . . .	F-2	Index of Industries and	
PHC80-S2, Advance Esti-		Occupations . . . . .	F-4
mates of Social, Economic,		PHC80-R5, Geographic	
and Housing Characteristics. .	F-2	Identification Code	
Population Census Reports . . .	F-2	Scheme . . . . .	F-4
PC80-1, Volume 1, Charac-		COMPUTER TAPES . . . . .	F-4
teristics of the Population . .	F-2	Summary Tape Files . . . . .	F-4
PC80-1-A, Chapter A, Num-		STF 1 . . . . .	F-4
ber of Inhabitants . . . . .	F-2	STF 2 . . . . .	F-4
PC80-1-B, Chapter B, General		STF 3 . . . . .	F-4
Population Characteristics. . .	F-2	STF 4 . . . . .	F-5
PC80-1-C, Chapter C, General		STF 5 . . . . .	F-5
Social and Economic		Other Computer Tape Files. . .	F-5
Characteristics. . . . .	F-3	P.L. 94-171, Population	
PC80-1-D, Chapter D,		Counts. . . . .	F-5
Detailed Population		Master Area Reference Files	
Characteristics. . . . .	F-3	1 and 2 (MARF) . . . . .	F-5
PC80-2, Volume 2, Subject		Geographic Base File/Dual	
Reports . . . . .	F-3	Independent Map Encoding	
PC80-S1, Supplementary		(GBF/DIME). . . . .	F-5
Reports . . . . .	F-3	Public-Use Microdata	
Housing Census Reports . . . .	F-3	Samples. . . . .	F-5
HC80-1, Volume 1, Charac-		Census/EEO Special File. . .	F-5
teristics of Housing Units . .	F-3	MAPS . . . . .	F-5
HC80-1-A, Chapter A,		MICROFICHE . . . . .	F-5
General Housing		STF 1 Microfiche . . . . .	F-5
Characteristics. . . . .	F-3	STF 3 Microfiche . . . . .	F-5
HC80-1-B, Chapter B,		P.L. 94-171 Counts Microfiche. .	F-5
Detailed Housing			
Characteristics. . . . .	F-3		
HC80-2, Volume 2, Metro-			
politan Housing			
Characteristics. . . . .	F-3		
HC80-3, Volume 3, Subject			
Reports . . . . .	F-3		
HC80-4, Volume 4, Compo-			
nents of Inventory Change. .	F-3		

### GENERAL

The results of the 1980 Census of Population and Housing are issued in three forms: printed reports, computer tape

files, and microfiche. Most of the reports listed are issued on a flow basis through 1983. A few may be issued later, such as Subject Reports and Evaluation and Reference Reports.

The publications of the 1980 census are released under three subject titles: *1980 Census of Population and Housing*, *1980 Census of Population*, and *1980 Census of Housing*. The description of the publication program below is organized in sections, by census title, followed by the reports under each title. It should be noted that a number of population census reports contain some housing data and a number of housing census reports contain some population data. Following the description of the publication program are sections on computer tapes, maps, and microfiche.

The data product descriptions include listings of geographic areas for which data are summarized in that product. Note that the term "place" refers to incorporated places and census designated (or unincorporated) places, as well as towns and townships in 11 States (the 6 New England States, the 3 Middle Atlantic States, Michigan, and Wisconsin).

Order forms for these materials are available, subject to availability of the data product, from Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233; Census Bureau Regional Offices; U.S. Department of Commerce District Offices; and State Data Centers. After issuance, census reports are on file in many libraries and are available for examination at any Department of Commerce District Office or Census Bureau Regional Office.

### PUBLICATIONS

#### Population and Housing Census Reports

**PHC80-1, Block Statistics**—These reports, which are issued on microfiche rather

than in print form, present population and housing unit totals and statistics on selected characteristics which are based on complete-count tabulations. Data are shown for blocks in urbanized areas and selected adjacent areas, for blocks in places of 10,000 or more inhabitants, and for blocks in areas which contracted with the Census Bureau to provide block statistics.

The set of reports consists of 374 sets of microfiche and includes a report for each standard metropolitan statistical area (SMSA), showing blocked areas within the SMSA, and a report for each State and for Puerto Rico, showing blocked areas outside SMSA's. In addition to microfiche, printed detailed maps showing the blocks covered by the particular report are available as well as a U.S. Summary, which is an index to the set.

**PHC80-2, Census Tracts**—Statistics for most of the population and housing subjects included in the 1980 census are presented for census tracts in SMSA's and in other tracted areas. Both complete-count data and sample data are included. Most statistics are presented by race and Spanish origin for areas with at least a specified number of persons in the relevant population group.

There is one report for each SMSA, as well as one for each of the States and Puerto Rico which have tracted areas outside SMSA's. In addition, maps showing the boundaries and identification numbers of census tracts in the SMSA are available as well as a U.S. Summary, which is an index to the set and also provides a historical listing of the total number of tracts by area.

**PHC80-3, Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas**—Statistics are presented on total population and on complete-count and sample population characteristics such as age, race, education, disability, ability to speak English, labor force, and income, and on total housing units and housing characteristics such as value, age of structure, and rent. These statistics are shown for the following areas or their equivalents: States, SMSA's, counties, county subdivisions (those which are functioning general-purpose local governments), and incorporated places.

There is one report for each State, the District of Columbia, and Puerto Rico.

This series does not include a U.S. Summary.

**PHC80-4, Congressional Districts of the 98th Congress**—These reports present complete-count and sample data for congressional districts of the 98th Congress. The reports reflect redistricting based on the 1982 elections. One report is issued for each of the 50 States and the District of Columbia.

**PHC80-S1-1, Provisional Estimates of Social, Economic, and Housing Characteristics**—This report presents provisional estimates based on sample data collected in the 1980 census. Data on social, economic, and housing characteristics are shown for the United States as a whole, each State, the District of Columbia, and SMSA's of 1 million or more inhabitants.

These data are based on a special subsample of the full census sample. The sample, which represents about 1.6 percent of the total population, was developed to provide users with initial data on characteristics of the population and housing units for the Nation and large areas.

**PHC80-S2, Advance Estimates of Social, Economic, and Housing Characteristics**—These reports present advance sample data from the 1980 census including such social and economic characteristics of the population as education, migration, labor force, and income as well as housing characteristics such as structural information, mortgage, and gross rent.

The set consists of 50 paperbound reports and includes one report for each State and the District of Columbia. No report will be issued for the United States as a whole.

Each report presents population and housing characteristics for the State, its counties or comparable areas, and places of 25,000 or more inhabitants. Selected data are shown for four race groups (White; Black; combined American Indian, Eskimo, and Aleut; and Asian and Pacific Islander) as well as for persons of Spanish origin.

### Population Census Reports

**PC80-1, Volume 1, Characteristics of the Population**—This volume presents final

population counts and statistics on population characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of four chapters for each area, chapters A, B, C, and D. Chapters A and B present data collected on a complete-count basis, and chapters C and D present estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The population totals presented in chapters A and B may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Chapters B, C, and D present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A, B, C, and D.

**PC80-1-A, Chapter A, Number of Inhabitants**—Final population counts are shown for the following areas or their equivalents: States, counties, county subdivisions, incorporated places and census designated places, standard consolidated statistical areas (SCSA's), SMSA's, and urbanized areas. Selected tables contain population counts by urban and rural residence. Many tables contain population counts from previous censuses.

**PC80-1-B, Chapter B, General Population Characteristics**—Statistics on household relationship, age, race, Spanish origin, sex, and marital status are shown for the following areas or their equivalents: States, counties (by total and rural residence), county subdivisions, places of 1,000 or more inhabitants, SCSA's,

SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

**PC80-1-C, Chapter C, General Social and Economic Characteristics**—Statistics are presented on nativity, State or country of birth, citizenship and year of immigration for the foreign-born population, language spoken at home and ability to speak English, ancestry, fertility, family composition, type of group quarters, marital history, residence in 1975, journey to work, school enrollment, years of school completed, disability, veteran status, labor force status, occupation, industry, class of worker, labor force status in 1979, income in 1979, and poverty status in 1979. In addition, data on subjects shown in the PC80-1-B reports are presented in this report in more detail.

Each subject is shown for some or all of the following areas or their equivalents: States, counties (by rural and rural-farm residence), places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

**PC80-1-D, Chapter D, Detailed Population Characteristics**—Statistics on most of the subjects covered in the PC80-1-C reports are presented in this report in considerably greater detail and cross-classified by age, race, Spanish origin, and other characteristics. Each subject is shown for the State or equivalent area, and some subjects are also shown for rural residence at the State level. Most subjects are shown for SMSA's of 250,000 or more inhabitants, and a few are shown for central cities of these SMSA's.

**PC80-2, Volume 2, Subject Reports**—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. A few reports show statistics for States, SMSA's, large cities, American Indian reservations, or Alaska Native villages. Separate reports are issued on such subjects as racial and ethnic groups, type of residence, fertility, families, marital status, migration, education, employment, occupation, industry, journey to work, income, poverty status, and other topics.

**PC80-S1, Supplementary Reports**—These reports present special compilations of

1980 census statistics dealing with specific population subjects.

### Housing Census Reports

**HC80-1, Volume 1, Characteristics of Housing Units**—This volume presents final housing unit counts and statistics on housing characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of two chapters for each area, chapters A and B. Chapter A presents data collected on a complete-count basis, and chapter B presents estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The housing totals presented in this report may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Both chapters present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A and B.

**HC80-1-A, Chapter A, General Housing Characteristics**—Statistics on units at address, tenure, condominium status, number of rooms, persons per room, plumbing facilities, value, contract rent, and vacancy status are shown for some or all of the following areas or their equivalents: States, counties, county subdivisions, places of 1,000 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables contain housing characteristics by urban and rural residence.

**HC80-1-B, Chapter B, Detailed Housing Characteristics**—Statistics on units in structure, year moved into unit, year structure built, heating equipment, fuels, air-conditioning, source of water, sewage disposal, gross rent, and selected monthly ownership costs are shown for some or all of the following areas or their equivalents: States, counties, places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables show housing characteristics for rural and rural farm residence at the State and county level. Some subjects included in the HC80-1-A reports are also covered in this report in more detail.

**HC80-2, Volume 2, Metropolitan Housing Characteristics**—This volume presents statistics on most of the 1980 housing census subjects in considerable detail and cross-classification. Most statistics are presented by race and Spanish origin for areas with at least a specified number of the relevant population group. Data are shown for States or equivalent areas, SMSA's and their central cities, and other cities of 50,000 or more inhabitants.

There is one report for each SMSA and one report for each State and Puerto Rico. The set includes a U.S. Summary report showing these statistics for the United States and regions.

**HC80-3, Volume 3, Subject Reports**—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. Separate reports are issued on housing of the elderly, mobile homes, and American Indian households.

**HC80-4, Volume 4, Components of Inventory Change**—This volume consists of two reports presenting statistics on the 1980 characteristics of housing units which existed in 1973, as well as on newly constructed units, conversions, mergers, demolitions, and other additions and losses to the housing inventory between 1973 and 1980. These reports present data derived from a sample survey conducted in the fall of 1980. Data are presented for the United States and regions in report I. Report II has two parts: Part A presents data for that group of SMSA's (not individually identified)



with populations of 1 million or more at the time of the 1970 census, and part B presents data for that group of SMSA's (not individually identified) with populations of less than 1 million at the time of the 1970 census.

**HC80-5, Volume 5, Residential Finance—**This volume consists of one report presenting statistics on the financing of non-farm homeowner and rental and vacant properties, including characteristics of the mortgage, property, and owner. The statistics are based on a sample survey conducted in the spring of 1981. Data are presented for the United States and regions. Some data are presented by inside and outside SMSA's and by central cities.

**HC80-S1-1, Supplementary Reports—**These reports present statistics from the 1980 Census of Housing on general characteristics of housing units for the 50 States and the District of Columbia, counties, and independent cities.

### Evaluation and Reference Reports

**PHC80-E, Evaluation and Research Reports—**These reports present the results of the extensive evaluation program conducted as an integral part of the 1980 census. This program relates to such matters as completeness of enumeration and quality of the data on characteristics.

**PHC80-R, Reference Reports—**These reports present information on the various administrative and methodological aspects of the 1980 census. The series includes:

**PHC80-R1, Users' Guide—**This report covers subject content, procedures, geography, statistical products, limitations of the data, sources of user assistance, notes on data use, a glossary of terms, and guides for locating data in reports and tape files. The guide is issued in loose-leaf form and sold in parts (R1-A, B, etc.) as they are printed.

**PHC80-R2, History—**This report describes in detail all phases of the 1980 census, from the earliest planning through all stages to the dissemination of data and evaluation of results. It contains detailed discussion of 1980 census questions and their use in previous decennial censuses.

**PHC80-R3, Alphabetical Index of Industries and Occupations—**This report was developed primarily for use in classifying responses to the questions on the kind of business (industry) and kind of work (occupation) in which the respondent is engaged. The index lists approximately 20,000 industry and 29,000 occupation titles in alphabetical order.

**PHC80-R4, Classified Index of Industries and Occupations—**This report defines the industrial and occupational classification systems adopted for the 1980 Census of Population. It presents the individual titles that constitute each of the 231 industry and 503 occupation categories in the classification systems. The individual titles are the same as those shown in the Alphabetical Index. The 1980 occupation classification reflects the new U.S. Standard Occupational Classification (SOC). As in the past, the 1980 industry classification reflects the Standard Industrial Classification (SIC).

**PHC80-R5, Geographic Identification Code Scheme—**This report identifies the names and related geographic codes for each State, county, minor civil division, place, region, division, SCSA, SMSA, American Indian reservation, and Alaska Native village for which the Census Bureau tabulated data from the 1980 census.

### COMPUTER TAPES

#### Summary Tape Files

In addition to the printed and microfiche reports, results of the 1980 census also are provided on computer tape in the form of summary tape files (STF's). These data products have been designed to provide statistics with greater subject and geographic detail than is feasible or desirable to provide in printed and microfiche reports. The STF data are made available at nominal cost. The data are subject to suppression of certain detail where necessary to protect confidentiality.

There are five STF's (listed below), and the amount of geographic and subject detail presented varies. STF's 1 and 2 contain complete-count data, and STF's 3, 4, and 5 contain sample data. Note that the term "cells" used below refers

to the number of subject statistics provided for each geographic area, and the number of cells is indicative of the detail of the subject content of the file.

Each of the STF's generally consists of two or more files which provide different degrees of geographic detail and, in some cases, race/Spanish origin cross-classification. For each of the files there is a separate tape or tapes for each State, the District of Columbia, and Puerto Rico. Selected files (STF 1 and STF 3) are also produced for Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. These tapes are issued on a State-by-State basis and are followed by a national summary tape for the particular file. More complete descriptions of the STF's than given in the summaries below can be found in the technical documentation of the specific file and in the PHC80-R1, *Users' Guide*.

**STF 1—**This STF provides 321 cells of complete-count population and housing data. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, congressional districts, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and blocks and block groups in blocked areas. The data include those shown in the PHC80-1, PHC80-3 (complete-count), and PC80-1-A reports.

**STF 2—**This STF contains 2,292 cells of detailed complete-count population and housing data, of which 962 are repeated for each race and Spanish origin group present in the tabulation area. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, counties, county subdivisions, places of 1,000 or more inhabitants, census tracts, American Indian reservations, and Alaska Native villages. The data include those shown in the PHC80-2 (complete-count), PC80-1-B, and HC80-1-A reports.

**STF 3—**This STF contains 1,126 cells of data on various population and housing subjects collected on a sample basis. The areas covered are the same as in STF 1, excluding blocks. The data include those shown in the PHC80-3 (sample) reports.



**STF 4**—This STF is the geographic counterpart of STF 2, but the number of cells of data is greater (approximately 8,400). STF 4 provides data covering virtually all of the population and housing subjects collected on a sample basis, as well as some of the complete-count subjects. Some of the statistics are repeated for race, Spanish origin, and ancestry groups. Data are summarized for areas similar to those shown in STF 2, except that data for places are limited to those with 2,500 or more inhabitants. The data include those shown in the PHC80-2 (sample), PC80-1-C, and HC80-1-B reports.

**STF 5**—This STF contains over 100,000 cells of data on various population and housing subjects collected on a sample basis and provides detailed tabulations and cross-classifications for States, SMSA's, counties, cities of 50,000 or more inhabitants and central cities. Most subjects are classified by race and Spanish origin. The data include those shown in the PC80-1-D and HC80-2 reports.

### Other Computer Tape Files

**P.L. 94-171, Population Counts**—In accordance with Public Law (P.L.) 94-171, the Census Bureau provides population tabulations to all States for legislative reapportionment/redistricting. The file is issued on a State-by-State basis. It contains population counts classified by race and Spanish origin. The data are tabulated for the following levels of geography as applicable: States, counties, county subdivisions, incorporated places, census tracts, blocks and block groups in blocked areas, and enumeration districts in unblocked areas. For States participating in the voluntary program to define election precincts in conjunction with the Census Bureau, the data are also tabulated for election precincts.

### Master Area Reference Files 1 and 2 (MARF)

**MARF 1**—This geographic reference file is an extract of STF 1 designed for those who require a master list of geographic codes and areas, along with basic census counts arranged hierarchically from the State down to the block group and enumeration district levels and is issued on a State-by-State basis. The file contains records for States, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and block groups in blocked areas. Each record shows the total population by five race groups, population of Spanish origin, number of housing units, number of households, number of families, and a few other items.

**MARF 2**—This file is the same as the MARF 1 with the latitude and longitude coordinates for a representative point (centroid) in each block group (BG) or enumeration district (ED) outside block numbered areas.

**Geographic Base File/Dual Independent Map Encoding (GBF/DIME)**—These files are computer representations of the Metropolitan Map Series, including address ranges and ZIP Codes, which generally cover the urbanized portions of SMSA's. GBF/DIME files are used to assign census geographic codes to addresses (geocoding). The files are available by SMSA.

**Public-Use Microdata Samples**—Public-use microdata samples are computerized files containing most population and housing characteristics as shown on a sample of individual census records. These files contain no names or addresses, and geographic identification is sufficiently broad to protect confidentiality.

There are three mutually exclusive samples, the A sample including 5 percent of all persons and housing units, and the

B and C samples each including 1 percent of all persons and housing units. States and most large SMSA's will be identifiable on one or more of the files. Microdata files allow the user to prepare customized tabulations.

**Census/EEO Special File**—This file provides sample census data with specified relevance to EEO and affirmative action uses. The file contains two tabulations, one with detailed occupational data and the other with years of school completed by age. The data in both tabulations are crossed by sex, race, and Spanish origin. These data are provided for all counties, for all SMSA's, and for places with a population of 50,000 or more.

### MAPS

Maps necessary to define areas are generally published and included as part of the corresponding reports. Maps are published for Block Statistics (PHC80-1) and Census Tracts (PHC80-2), but must be purchased separately from the report. Maps necessary to define enumeration districts are available on a cost-of-reproduction basis.

### MICROFICHE

Some of the computer tape products are available on microfiche. The STF microfiche are issued for each State or Area and for the United States. These include:

**STF 1 Microfiche**—Data from STF 1 are presented in tabular form for all the STF 1 geographic levels described previously, except blocks.

**STF 3 Microfiche**—Data from STF 3 are presented in tabular form for all the STF 3 geographic levels.

**P.L. 94-171 Counts Microfiche**—The data from the P.L. 94-171 computer file are presented in a listing format.

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# 1980 Census of Population and Housing

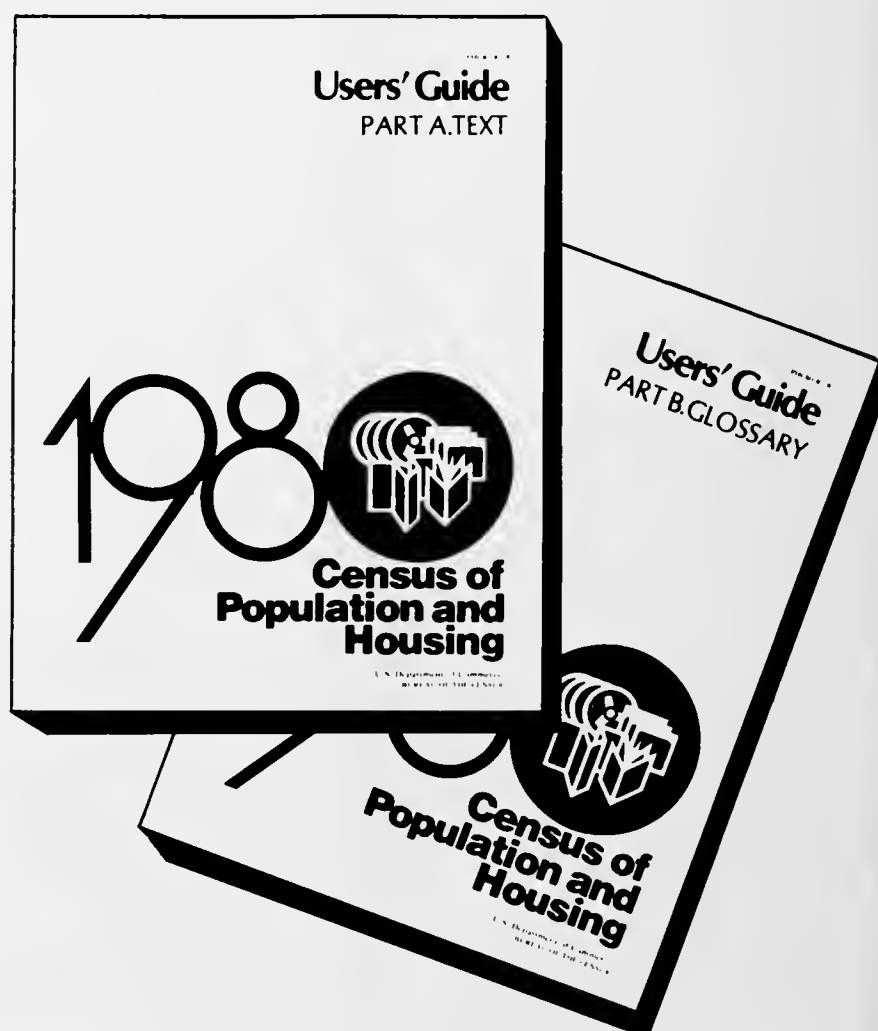
## Users' Guide

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The Users' Guide, a reference work on the 1980 census, is now available. It consists of:

- **Part A. Text**—Covers census data subjects; geographic considerations; reports, tapes, maps, and other products; services available to users; and many other topics central to understanding and using 1980 census data.
- **Part B. Glossary**—Provides detailed definitions of population, housing, geographic, and technical terms associated with the census—especially important for people using 1980 data on tape or microfiche.
- **Sources of Assistance**—Furnishes addresses and phone numbers of public and private sector organizations offering a variety of products and services, such as tape processing, area profiles, training, and reference assistance.
- **Updates**—Provide information on new developments relating to the 1980 census. Each update is keyed to the particular point in "Part A. Text" that needs revision.

Part C, a table finder, and Part D, a guide to tape contents, are planned for publication later.



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Part A. Text (S/N 003-024-03625-8)—\$5.50. Supplement 1 (S/N 003-024-05004-8)—\$6.00 (includes Part B. Glossary, Sources of Assistance, and Updates)

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